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United States
Environmental Protection Agency

1997 Hazardous Waste Report

INSTRUCTIONS

AND

FORMS

EPA Form 8700-13A/B (5-80) (07-97)

PURPOSE OF THE 1997 HAZARDOUS WASTE REPORT

The U.S. Environmental Protection Agency's (EPA) mission to protect human health and the environment includes the responsibility to effectively manage, with the States, the nation's hazardous waste. As part of this task, EPA and the States collect and maintain information about the generation, management, and final disposition of the nation's hazardous waste regulated by the Resource Conservation and Recovery Act (RCRA).

EPA prepared this booklet for hazardous waste generators and facilities that treat, store, or dispose hazardous waste to report their hazardous waste activities for 1997. The information collected will:

- Provide EPA and the States with an understanding of hazardous waste generation and management in the United States;
- Help measure the quality of the environment; and
- Be summarized and communicated to the public, primarily through the 1997 National Biennial RCRA Hazardous Waste Report.

The data you provide will be entered into a computer database by the State or EPA Regional office to which you return your Hazardous Waste Report. After review to ensure the quality of the data, a national database will be assembled. Your efforts in carefully filling out the required forms are appreciated.

IMPORTANT

Before completing the 1997 Hazardous Waste Report forms, please carefully read the instructions in this booklet. Several changes to the instructions and forms have been made for the 1997 Hazardous Waste Report cycle. Please see page 2 for a discussion of these changes.

IF YOU NEED ASSISTANCE

To obtain assistance in filling out the 1997 Hazardous Waste Report forms, please call the EPA RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-412-9810 in the Washington, D.C., metropolitan area). The Hotline operates Monday through Friday from 9:00 a.m. to 6:00 p.m. (Eastern Standard Time), and is closed on Federal holidays.

In addition to calling the Hotline, you may want to contact your State or Regional office. Some States' reporting requirements differ from the Federal requirements. See pages 77 through 81 for State and Regional office addresses, contact names, and telephone numbers.

WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT

SITES REQUIRED TO FILE THE HAZARDOUS WASTE REPORT

You are required by Federal statute to complete and file the 1997 Hazardous Waste Report if your site:

- Met the definition (see box below) of a RCRA Large Quantity Generator (LQG) during 1997; **AND/OR**
- Treated, stored, or disposed RCRA hazardous wastes on site during 1997.

If you are required to report, see **WHICH FORMS TO SUBMIT AND WHAT TO REPORT**, on page 3, to determine which forms you must submit.

Definition of a RCRA Large Quantity Generator

A site is a RCRA Large Quantity Generator (LQG) if, in 1997, the site met **any** of the following criteria:

(a) The site generated in any single month 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

(b) The site generated in any single month, or accumulated at any time, 1 kg (2.2 lbs) of RCRA acute hazardous waste; **or**

(c) The site generated or accumulated at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

NOTE: Wastes treated in units exempt from RCRA permitting requirements are not to be counted in determining whether a site is a Large Quantity Generator.

SITES THAT SHOULD NOT FILE THE HAZARDOUS WASTE REPORT

Do not file the 1997 Hazardous Waste Report if, during 1997, your site was not a RCRA LQG (your site does not meet any of the criteria in the box above) **AND** did not treat, store, or dispose RCRA hazardous wastes on site.

If you are not required to file the 1997 Hazardous Waste Report, please return the postcard found on the back cover to indicate that you are exempt from the reporting requirement. EPA will use the postcards to identify sites that are not required to report.

STATE-SPECIFIC REQUIREMENTS

States may impose reporting requirements above and beyond the Federal requirements. If your State does so, it will attach information to (or delete information from) this booklet. In addition, States may use a modified version of this report or their own instructions and forms for fulfilling the reporting requirements.

The list of State and Regional contacts, on pages 77 through 81, identifies the States that use modified or State-specific reports. Please contact your State or Regional office with any questions on State-specific reporting requirements.

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INSTRUCTIONS FOR FILING THE 1997 HAZARDOUS WASTE REPORT

INTRODUCTION

The instructions and forms for the 1997 Hazardous Waste Report, commonly known as the 1997 Biennial Report, are prepared by the U.S. Environmental Protection Agency (EPA) for generators and treatment, storage, and disposal (TSD) facilities to report their hazardous waste activities for 1997.

AUTHORITY

The authority for the 1997 Hazardous Waste Report is contained in Sections 3002 and 3004 of the Resource Conservation and Recovery Act of 1976, as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA). Section 3002 requires hazardous waste generators to report to EPA or authorized States, at least every two years, the quantities, nature, and disposition of generated hazardous waste. Under the authority of Section 3004, EPA requires reporting by treatment, storage, and disposal facilities for the wastes they receive.

OVERVIEW OF THE 1997 HAZARDOUS WASTE REPORT

To determine if you are required to file the Biennial Report, read **WHO MUST FILE THE 1997 HAZARDOUS WASTE REPORT** on page i. If you are not required to file the Biennial Report, return the postcard provided on the back cover to your State or Regional office (list of addresses begins on page 77).

CHANGES TO THE 1997 BIENNIAL REPORT, on page 2, summarizes the changes that have been made to the 1997 Hazardous Waste Report instructions and forms.

WHICH FORMS TO SUBMIT AND WHAT TO REPORT, on page 3, describes circumstances and situations under which each of the forms should be completed.

General guidelines for filling out the Biennial Report forms are provided on pages 3 through 6, **FILLING OUT THE FORMS**, including the telephone number for the RCRA, Superfund & EPCRA hotline, which you can call with questions on completing the Biennial Report.

WHEN AND WHERE TO FILE, on page 6, provides the filing date and details the procedures for obtaining an extension of the filing date for your site's Biennial Report. The address for the State or Region to which you should send the Biennial Report is specified beginning on page 77.

Detailed instructions for filling out each of the forms begin on page 7. Beginning on page 23, relevant code lists and other reference information are provided including the following: a list of excluded wastes; definitions of key terms; a section of special instructions that explains how to report certain types of wastes (e.g., lab packs, PCBs); lists of codes that are too long to include in the text of instructions (e.g., EPA hazardous waste codes); and a list of State and Regional office addresses and contact information.

The **1997 HAZARDOUS WASTE REPORT SUBMISSION CHECKLIST**, on the last page of this booklet, will help you determine if your submission is complete.

CHANGES TO THE 1997 BIENNIAL REPORT

Please carefully review the entire 1997 Hazardous Waste Report instructions and forms booklet. EPA has made a significant effort to clarify the instructions in numerous places. In addition, the Agency has made the following changes to the 1997 Biennial Report:

- For each hazardous wastewater managed onsite and ultimately discharged:
  - With or without prior treatment to a surface water, in accordance with an NPDES permit issued pursuant to Section 402 of the Clean Water Act; or
  - With or without pretreatment to a publicly owned treatment works (POTW), in accordance with 307(b) of the Clean Water Act: or
  - With or without prior treatment to an underground injection well, in accordance with a permit issued pursuant to the Safe Drinking Water Act, fill out only **one** GM form, and use only System Type codes M134 (Deepwell/underground injection), M135 (discharge to sewer/POTW), or M136 (Discharge to surface water under NPDES). Note that the quantity reported for these System Types should be the quantity of wastewater entering the pretreatment system, which may or may not be the quantity actually discharged to the POTW, injection well, or surface water. These codes should be the only management codes used, regardless of what treatment the wastewaters receive prior to discharge. Note that any sludges or other non-wastewaters generated from the treatment of wastewaters should still be reported if they are hazardous.
- The entire Waste Treatment, Disposal, or Recycling Process System (PS) form has been eliminated from the 1997 Biennial Report.
- The waste minimization questions have been eliminated from the Identification and Certification (IC) form and the Generation and Management (GM) form.
- All "Don't Know" responses have been eliminated from the Biennial Report. The following data elements were affected: Form IC, Section IV, Box A (Storage subject to RCRA permitting requirements); Form GM, Section I, Box G (Point of measurement) and Box I (RCRA-radioactive mixed); Form GM, Section III, Box D (Off-site availability code); and Waste Received from Off Site (WR) form, Box H (RCRA-radioactive mixed).
- Space for reporting an additional off-site facility for hazardous waste shipped off site has been added to Section III of Form GM.
- The code options for the point of measurement question (Form GM, Section I, Box G) have been revised.
- The exclusions, definitions, and special instructions have been updated. In addition, the exclusions and definitions have been modified to more closely paraphrase the Code of Federal Regulations (CFR), where applicable.
- The examples in Appendix A have been updated and clarified.

WHICH FORMS TO SUBMIT AND WHAT TO REPORT

The 1997 Hazardous Waste Report contains the following four forms:

Form IC All sites required to file the 1997 Hazardous Waste Report must submit Form IC. Instructions for Form IC begin on page 7.

Form GM A separate Form GM must be submitted for **each** RCRA hazardous waste that was:

- Generated on site and subsequently managed on site or shipped off site in 1997;
- Generated on site in 1997 but not managed on site or shipped off site until after 1997; or
- Generated on site prior to 1997 but either managed on site or shipped off site in 1997.

RCRA hazardous wastes to be reported include those that were:

- Generated on site from a production process, service activity, or routine cleanup;
- Resulted from equipment decommissioning, spill cleanup, or remedial cleanup activity;
- Shipped off site, including hazardous waste that was received from off site (reported on Form WR) and subsequently shipped off site without being treated or recycled on site;
- Derived from the management of non-hazardous waste; or
- Derived from the on-site treatment, disposal, or recycling of previously existing hazardous waste (i.e., a residual).

Radioactive wastes mixed with RCRA hazardous wastes should also be reported, as well as hazardous wastes regulated only by your State (if required by your State).

Instructions for Form GM begin on page 11.

Form WR A site required to file the 1997 Hazardous Waste Report must submit Form WR if, during 1997, it received RCRA hazardous waste from off site and managed the waste on site.

Instructions for Form WR begin on page 19.

Form OI Complete Form OI **only if your State requires it**. Instructions for Form OI are on the back of the form.

FILLING OUT THE FORMS

RCRA, SUPERFUND & EPCRA HOTLINE

To obtain assistance in filling out the 1997 Biennial Report forms, please call the EPA RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-412-9810 in the Washington, D.C., metropolitan area). The Hotline operates Monday through Friday from 9:00 a.m. to 6:00 p.m. (Eastern Standard Time), and is closed on Federal holidays.

In addition to calling the Hotline, you may want to contact your State or Regional office. Some States' reporting requirements differ from the Federal requirements. See pages 77 through 81 for State and Regional office addresses, contact names, and telephone numbers.

INSTRUCTIONS
(Continued)

COPIES OF BIENNIAL REPORT INSTRUCTIONS AND FORMS

Additional copies of 1997 Biennial Report instructions and forms can be obtained from the contact provided for your State or Region beginning on page 77 of this booklet. If your State uses EPA's version of the instructions and forms, this information is also available on the Internet through the EPA home page at the following URL (or address):

http://www.epa.gov/epaoswer/hazwaste/data/brsforms.htm

DOCUMENTS HELPFUL IN FILLING OUT THE FORMS

To prepare the 1997 Biennial Report, you should consult your records on quantities and types of hazardous waste that your site generated, managed, shipped, or received in 1997. Some records that may be helpful are:

- Hazardous Waste Manifest forms;
- Biennial Report forms submitted in previous years;
- Records of quantities of hazardous waste generated or accumulated on site;
- Results of laboratory analyses of your wastes;
- Contracts or agreements with off-site facilities managing your wastes; and
- Copies of permits for on-site waste management systems.

SITE IDENTIFICATION LABELS

If you received pre-printed site identification labels with your 1997 Hazardous Waste Report instructions and forms booklet, please review the labels to verify that the information is accurate and mark any changes directly on the labels. Attach one label to each form in the Biennial Report. If you did not receive labels with your booklet, enter the site name and EPA Identification Number on each form in the space provided for the label (i.e., the top left-hand corner of the form). Before making copies of the forms in order to complete them, be sure that you have either attached a pre-printed label to each form or, if you did not receive labels, have entered the site's name and EPA Identification Number in the top left-hand corner of each form.

CODE LISTS

This symbol denotes references to the page numbers of relevant code lists. Please use **only** the codes included in the instructions or in the lists of codes that begin on page 39. Please minimize the use of "Other" and "Unknown" codes. If you do use an "Other" or "Unknown" code, please provide an explanation in the Comments section of the form.

SKIP INSTRUCTIONS

This symbol denotes directions to skip to the next appropriate section or box to be completed, given certain responses to some questions.

NOTES

This symbol denotes explanatory text or definitions of terms used in the instructions.

RIGHT JUSTIFICATION OF QUANTITIES

Right justify all quantities reported on the forms. For example, enter a quantity of 12,000 tons on the form as follows: ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊1⌋⌊2⌋⌊0⌋⌊0⌋⌊0⌋ . ⌊0⌋ . Enter a quantity of 29,599.5 tons as follows: ⌊ ⌋⌊ ⌋⌊ ⌋⌊ ⌋⌊2⌋⌊9⌋⌊5⌋⌊9⌋⌊9⌋ . ⌊5⌋ .

COMMENTS SECTION OF FORMS

Use the Comments section at the bottom of the forms to clarify or continue any entry. For each comment, reference the section number and box letter of the entry that is being continued. For example, if a hazardous waste generated on site has six EPA hazardous waste codes, enter the first five in Section I, Box B of Form GM. Enter the sixth waste code in the Comments section and cross-reference Section I, Box B: "Sec. I, Box B, continued: D001."

PAGE NUMBERING OF FORMS

When you have filled out all the appropriate forms in your Biennial Report submission, number the pages consecutively throughout your submission. **Do not** number each set of forms separately. The individual page number and the total number of pages in your submission should appear in the bottom right-hand corner of each page (e.g., Page 1 of 7, Page 2 of 7).

If it is necessary to continue information from one form onto another page, make additional copies of the form and number the additional pages with the same page number as the first page, followed by a letter (e.g., page 27, page 27a; page 28, page 28a, 28b). When continuing information on a supplemental page, enter only the information that is being continued.

PHOTOCOPIES OF FORMS

A single copy of each form is included in this booklet. Photocopy as many forms as you need to complete your Biennial Report. Make copies **after** you have attached the pre-printed site identification label or entered the site name and EPA Identification Number in the top left-hand corner of the form, but **before** you begin filling out the form.

After you have finished filling out the forms, photocopy the entire Biennial Report for your records.

EXAMPLE 1997 HAZARDOUS WASTE REPORT FORMS FOR HYPOTHETICAL SITES

Appendix A provides updated and improved examples of hypothetical sites that illustrate the Biennial Report forms that each site should submit and how these forms should be completed.

ELECTRONIC REPORTING

EPA encourages electronic reporting of Biennial Reports. To obtain instructions on how to file electronically, call the RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-412-9810 in the Washington, D.C., metropolitan area). In addition to calling the Hotline, you should contact your State or Regional office, as some States' may have different policies and procedures for electronic reporting.

CONFIDENTIAL BUSINESS INFORMATION (CBI)

You may **not** withhold information from the Administrator of EPA because it is confidential. However, when the Administrator is requested to consider information confidential, it must be treated according to EPA regulations contained in Title 40 of the CFR, Part 2, Subpart B. These regulations provide that a business may, if it desires,

assert a claim of business confidentiality covering all or part of the information furnished to EPA. 40 CFR 2.203(b) explains how to assert a claim.

The Agency will treat information covered by such a claim in accordance with the procedures set forth in Subpart B. If someone requests release of information covered by a claim of confidentiality, or if the EPA otherwise decides to make a determination as to whether such information is entitled to confidential treatment, the Agency will notify the business. EPA will not disclose information as to when a claim of confidentiality has been made except to the extent of and in accordance with 40 CFR Part 2, Subpart B. However, if the business does not claim confidentiality when it furnishes the information, EPA may make the information available to the public without notice to the business.

WHEN AND WHERE TO FILE

The 1997 Hazardous Waste Report is due to your State or Regional office by March 1, 1998. Return your completed Biennial Report to the address listed for your State or Regional contact beginning on page 77.

If you need more time to fill out the Biennial Report, send a written request to your State or Regional office before March 1, 1998 for a **site-specific extended due date**. Specify the date you are requesting, **which in no case shall be after April 1, 1998**, and the reason for the request. Attach one of the pre-printed site identification labels, if you received them. Otherwise include the site's name, location, and EPA Identification Number with your request.

IF YOU NEED ASSISTANCE

To obtain assistance in filling out the 1997 Biennial Report forms, please call the EPA RCRA, Superfund & EPCRA Hotline at 1-800-424-9346 (703-418-9810 in the Washington, D.C., metropolitan area). The Hotline operates Monday through Friday from 9:00 a.m. to 6:00 p.m. (Eastern Standard Time), and is closed on Federal holidays.

In addition to calling the Hotline, you may want to contact your State or Regional office. Some States' reporting requirements differ from the Federal requirements. See pages 77 through 81 for State and Regional office addresses, contact names, and telephone numbers.

INSTRUCTIONS FOR FILLING OUT FORM IC – IDENTIFICATION AND CERTIFICATION

WHO MUST SUBMIT THIS FORM

All sites required to file the 1997 Hazardous Waste Report must submit Form IC. See page i to determine whether you are required to file. Examples of how to fill out the form are provided in Appendix A.

PURPOSE OF THIS FORM

Form IC identifies large quantity generators (LQGs) and treatment, storage, and disposal (TSD) facilities engaging in hazardous waste generation and management activities for the reporting year. The form is divided into six sections. Sections I through III identify the site. Section IV certifies that the information reported throughout is truthful, accurate, and complete. Sections V and VI provide information as to whether you are a generator, a TSD facility, or both.

HOW TO FILL OUT THIS FORM

Please fill out all six sections. Please print or type all information. In the top left-hand corner of the first page of the form, place the pre-printed site identification label or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number. On the second page of the form, enter the site's EPA Identification Number in the top right-hand corner. Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the section number and box letter to which the comment refers.

ITEM-BY-ITEM INSTRUCTIONS

Section I: **Site Name and Location Address**
Fill out Boxes A through H. Check the box "Same as label" if the address information provided on a pre-printed label is correct. In Box B, enter the county, borough, or parish in which the site is located, unless that information is present and correct on any label provided.

In Box D, check "Yes" or "No" to indicate whether the site/company name associated with this EPA Identification Number has changed since 1995. The EPA Identification Number is address specific and cannot be transferred to a new location.

Boxes A, C, E, F, G, and H must be filled out. Boxes B and D request non-mandatory information.

Section II: **Mailing Address of Site**
Check "Yes" or "No" in Box A to indicate if the site's mailing address is the same as the location address listed in Section I. If you checked "No," you must enter the site's mailing address in Boxes B through E. Boxes B, C, D, and E must be filled out. *While responding to Box A is not mandatory, providing the mailing address in Boxes B through E is required.*

☞	**Skip to Section III** if you checked "Yes" in Box A. **Continue to Box B** if you checked "No" in Box A.

Section III: **Contact Information**
Enter the full name, title, and telephone number of the person who should be contacted if questions arise regarding the information provided in the 1997 Hazardous Waste Report submitted by your site.

Boxes A, B, and C must be filled out.

Section IV: **Certification**
Boxes A, B, C, and D must be filled out. **Do not** fill out this section until all required forms are present, complete, and accurate. The 1997 Hazardous Waste Report Submission Checklist at the back of this booklet is provided to assist you. After all required forms have been completed, print or type the full name and title of the person certifying the submission, and the date. The person certifying the Biennial Report should read the certification statement and sign the form. Photocopy your submission and send to the appropriate State or Regional office (see pages 77 through 81 for the list of mailing addresses).

Section V: **Generator Status**
Complete Box A and follow the instructions to either fill out Box B or skip to Section VI. Box A must be filled out.

Box A: 1997 RCRA generator status
Check one box to indicate the site's RCRA hazardous waste generator status in 1997. For the purposes of the Biennial Report, generator status should be based on the Federal definition, **not** State definitions. If the site generated any quantity of RCRA hazardous waste during 1997, review the definitions of LQG, SQG, and CESQG (see explanation of codes below) to determine your generator status. Then check the appropriate box. If your site did **not** generate any quantity of RCRA hazardous waste during 1997, check "4 Non-generator" and proceed to Box B.

Code 1997 RCRA generator status

1 LQG: Large Quantity Generator
This site is a Large Quantity Generator if, in 1997, the site met **any** of the following criteria:

a) The site generated in one or more months 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

b) The site generated in one or more months, or accumulated at any time, 1 kg (2.2 lbs) of RCRA acute hazardous waste; **or**

c) The site generated or accumulated at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

2 SQG: Small Quantity Generator
This site is a Small Quantity Generator if, in 1997, the site did **all** of the following:

a) In one or more months generated more than 100 kg (220 lbs) of hazardous waste, but in no month did the site generate: (1) 1,000 kg (2,200 lbs) or more of hazardous waste; or (2) 1 kg (2.2 lbs) or more of acute hazardous waste; or (3) 100 kg (220 lbs) or more of material from the cleanup of a spillage of acute hazardous waste; **and**

b) Accumulated no more than 1 kg (2.2 lbs) of acute hazardous waste **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **and**

c) Stored its wastes in tanks or containers in a manner consistent with regulatory provisions.

OR, the site is a Small Quantity Generator if, in 1997, the site:

a) Met all other criteria for a Conditionally Exempt Small Quantity Generator (CESQG), but

b) Accumulated 1,000 kg (2,200 lbs) or more of hazardous waste.

If you are both a SQG and a TSD facility, you must complete the Biennial Report.

Code 1997 RCRA generator status (continued)

3 CESQG: Conditionally Exempt Small Quantity Generator
This site is a CESQG if, in **every month** during 1997, the site did **all** of the following:

a) Generated no more than 100 kg (220 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **and**

b) Accumulated no more than 1,000 kg (2,200 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; **and**

c) Treated or disposed of the hazardous waste in a manner consistent with regulatory provisions (40 CFR 261.5(f)(3) and 261.5(g)(3)).

If you are both a CESQG and a TSD facility, you must complete the Biennial Report.

4 Non-generator
This site is a non-generator if it did not generate any quantity of RCRA hazardous waste during 1997.
If you are both a non-generator and a TSD facility, you must complete the Biennial Report.

Skip to Section VI if you checked 1, 2, or 3 in Box A.
Continue to Box B if you checked 4 in Box A.

Box B: Reason for not generating
If the site did not generate RCRA hazardous waste during 1997, check as many boxes as necessary to explain the reason. The alternatives are:

Code Reason for not generating

1 Never generated: The site has never generated RCRA hazardous waste and did not do so during 1997.

2 Out of business: The site has gone out of business and did not generate hazardous waste at this location during 1997.

3 Only excluded or delisted waste: The site generated only excluded or delisted wastes not subject to RCRA Subtitle C regulation during 1997. See page 29 for definitions of excluded and delisted wastes. A partial list of excluded wastes is provided beginning on page 25.

4 Only non-hazardous waste: The site did not generate any wastes subject to RCRA Subtitle C regulation (e.g., wastes regulated as hazardous only by your State, wastes regulated as non-hazardous under RCRA Subtitle D).

5 Periodic or occasional generator: This site did not generate any RCRA hazardous waste during 1997, although it has done so in the past or will do so in the future.

6 Waste minimization activity: This site was previously a generator of RCRA hazardous waste, but did not generate any during 1997 due to an effective waste minimization program.

7 Other: This site had other reasons for not generating in 1997. Specify reason(s) in the Comments box at the bottom of the form and cross-reference Section V, Box B.

Excluded Wastes, page 25.

Section VI: **On-site Waste Management Status**
Boxes A and B must be filled out.

Box A: Storage subject to RCRA permitting requirements
Did the site have any on-site storage subject to RCRA permitting requirements during 1997? Select one code from the list below and record it in the space provided in Box A.

NOTE: Short-term accumulation under the 90, 180, or 270-day rules is exempt from RCRA permitting requirements (40 CFR 262.34). If the **only** type of storage at your site was accumulation of wastes under these rules prior to shipment, answer "1-No storage subject to RCRA permitting requirements" in Box A.

Code	Storage subject to RCRA permitting requirements
1	No storage subject to RCRA permitting requirements
2	Tanks
3	Containers
4	Tanks and containers
5	Other (Specify in Comments)

Box B: Treatment, disposal, or recycling subject to RCRA permitting requirements
During 1997, was treatment, disposal, or recycling of RCRA hazardous waste conducted on site in units subject to RCRA permitting requirements? Select one code from the list below and record it in the space provided in Box B.

Code	Treatment, disposal, or recycling subject to RCRA permitting requirements
1	No, the facility did not treat, dispose, or recycle hazardous waste on site in units subject to RCRA permitting requirements during 1997, and had no plans in 1997 to develop an on-site RCRA-permitted treatment, disposal, or recycling system.
2	No, the facility did not treat, dispose, or recycle hazardous waste on site in units subject to RCRA permitting requirements during 1997, but is planning to develop an on-site RCRA-permitted treatment, disposal, or recycling system.
3	Yes, the facility treated, disposed, or recycled hazardous waste on site in units subject to RCRA permitting requirements during 1997.

INSTRUCTIONS FOR FILLING OUT
FORM GM – WASTE GENERATION AND MANAGEMENT

WHO MUST SUBMIT THIS FORM

A site required to file the 1997 Hazardous Waste Report must submit Form GM if, during 1997, the site generated any quantity of RCRA hazardous waste on site, and subsequently managed the waste on site and/or shipped the waste off site for management. Fill out only **one** GM form for each hazardous wastewater managed onsite and ultimately discharged under one of the following conditions:

- With or without prior treatment to a surface water, in accordance with an NPDES permit issued pursuant to Section 402 of the Clean Water Act; or
- With or without pretreatment to a publicly owned treatment works (POTW), in accordance with 307(b) of the Clean Water Act: or
- With or without prior treatment to an underground injection well, in accordance with a permit issued pursuant to the Safe Drinking Water Act.

For these wastewaters, use only System Type codes M134 (Deepwell/underground injection), M135 (discharge to sewer/POTW), or M136 (Discharge to surface water under NPDES). Note that the quantity reported for these System Types should be the quantity of wastewater entering the pretreatment system, which may or may not be the quantity actually discharged to the POTW, injection well, or surface water. These codes should be the only management codes used, regardless of what treatment the wastewaters receive prior to discharge. Note that any sludges or other non-wastewaters generated from the treatment of wastewaters should still be reported if they are hazardous.

Examples of how to fill out the form are provided in Appendix A.

PURPOSE OF THIS FORM

Form GM summarizes on-site RCRA hazardous waste generation and management in 1997. Form GM is divided into three sections that together document the source, characteristics, and quantity of hazardous waste generated on site; the quantity of hazardous waste managed on site and the management methods; and the quantity of hazardous waste shipped off site for treatment, disposal, or recycling and the off-site management methods.

HOW TO FILL OUT THIS FORM

Make and submit a photocopy of Form GM for **each** RCRA hazardous waste that meets any of the criteria discussed below under **WASTES TO BE REPORTED**. Prior to photocopying, place the pre-printed site identification label in the top left-hand corner of the form or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number in this space.

Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the section number and box letter to which the comment refers.

NOTE: Refer to the Special Instructions beginning on page 35 for reporting lab packs, asbestos, PCBs, waste oils, groundwater contaminated by leachate, and RCRA-radioactive mixed wastes.

WASTES TO BE REPORTED

A separate Form GM must be submitted for **each** RCRA hazardous waste that was:

- Generated on site and subsequently managed on site or shipped off site in 1997;
- Generated on site in 1997 but not managed on site or shipped off site until after 1997; or
- Generated on site prior to 1997 but either managed on site or shipped off site in 1997.

RCRA hazardous wastes to be reported include those that were:

- Generated on site from a production process, service activity, or routine cleanup;
- Resulted from equipment decommissioning, spill cleanup, or remedial cleanup activity;
- Shipped off site, including hazardous waste that was received from off site (reported on Form WR) and subsequently shipped off site without being treated or recycled on site;
- Derived from the management of non-hazardous waste; or
- Derived from the on-site treatment, disposal, or recycling of previously existing hazardous waste (i.e., a residual).

Radioactive wastes mixed with RCRA hazardous wastes should also be reported, as well as hazardous wastes regulated only by your State (if required by your State).

Similar hazardous wastes may be combined onto one Form GM if the wastes have the same Origin code (Section I, Box E) and Form code (Section I, Box H).

ITEM-BY-ITEM INSTRUCTIONS

Section I: **Waste Characteristics**
Section I requests information on each RCRA hazardous waste that in 1997 was generated on site and subsequently treated, disposed, or recycled on site and/or shipped off site for management.

Boxes A and B must be filled out. The remaining boxes request non-mandatory information.

Box A: Waste description
Provide a short narrative description of the waste, citing:

- General type;
- Source;
- Type of hazard; and
- Generic chemical name or primary hazardous constituents.

Example: "Ignitable spent solvent from degreasing operation in tool production; mixture of mineral spirits and kerosene."

In the example, note that the general type (spent solvent), source (degreasing operation in tool production), type of hazard (ignitability), and generic chemical names (mineral spirits and kerosene) have all been cited.

Box B: EPA hazardous waste code
Enter the four-character EPA hazardous waste code(s) that applies to the waste reported in Box A. EPA hazardous waste codes are listed beginning on page 39. If you need room for additional codes, list the codes in the Comments section and cross-reference Section I, Box B. If fewer than five EPA hazardous waste codes are applicable, enter "NA" in the remaining spaces. If the waste is regulated only by your State, enter "NA" in Box B and report the State hazardous waste codes in Box C.

EPA Hazardous Waste Codes, page 39.

Box C: State hazardous waste code

Enter the State hazardous waste code(s) that applies to the waste reported in Box A, if:

- Your State regulates hazardous wastes not regulated as RCRA hazardous wastes, and requires these wastes to be reported in the 1997 Hazardous Waste Report; or
- Your State uses a hazardous waste code system **other** than the EPA hazardous waste codes listed on pages 39 through 60 of this booklet that applies to the waste described in Box A.

Otherwise, leave Box C blank. If you need space for additional State hazardous waste codes, list the codes in the Comments section and cross-reference Section I, Box C.

Box D: SIC code

Enter the four-digit Standard Industrial Classification (SIC) code of the overall production, distribution, or service activity of the site that generated this waste. ***Please provide the SIC code for the overall activity of the site, even if a different code better describes the specific process that generated the waste***. Therefore, you should provide the same SIC code on all of your GM forms. The SIC code list begins on page 61.

SIC Codes, page 61.

Box E: Origin code and System Type

Review the Origin codes below. Enter the code that best describes how the hazardous waste reported in Box A originated. If the waste is a hazardous residual from a hazardous waste management system, regardless of the type of that management system, report an Origin code of 5 **and** report the type of system that produced the residual in the space provided. If the hazardous waste was mixed with other materials, report the Origin code for only the hazardous waste.

Code	Origin
1	The hazardous waste was generated on site from a production process, service activity, or routine cleanup (including off-specification or spent chemicals).
2	The hazardous waste was the result of a spill cleanup, equipment decommissioning, or other remedial cleanup activity.
3	The hazardous waste was derived from the management of a non-hazardous waste.
4	The hazardous waste was received from off site and was not recycled or treated on site.
5	The hazardous waste was a residual from the on-site treatment, disposal, or recycling of a previously existing hazardous waste.

Skip to Box F if you selected Origin code 1, 2, 3, or 4.
Continue to System Type if you selected Origin code 5.

System Type

If you selected an Origin code of 5, enter the four-character System Type code that best describes the operation from which the residual was generated.

System Type Codes, page 75.

Example: The hazardous waste is incinerator ash generated as a result of on-site thermal treatment of a hazardous waste sludge in a fixed hearth. The Origin code is 5 and the System Type is M042.

Box F: Source code
Enter the Source code that best describes the production, service, or waste management process serving as the source of waste generation. If more than one Source code is needed, continue the entry in the Comments section.

Source Codes, page 71.

Box G: Point of measurement
Enter the code indicating whether the hazardous waste reported in Box A was mixed with other wastes prior to being measured or estimated.

Code	Point of measurement
1	The hazardous waste was not mixed with any other waste prior to being measured
2	The hazardous waste was measured after mixing with other hazardous wastes only
3	The hazardous waste was measured after mixing with non-hazardous wastes only
4	The hazardous waste was measured after mixing with other hazardous wastes and with non-hazardous wastes

Box H: Form code
Review the Form codes beginning on page 73 and enter the code that best corresponds to the physical form or chemical composition of the hazardous waste reported in Box A.

Form Codes, page 73.

Box I: RCRA-radioactive mixed
Is the hazardous waste reported in Box A mixed with nuclear source, special nuclear, or by-product material? Enter the code for the appropriate response.

Code	RCRA-radioactive mixed
1	Yes
2	No

NOTE: If nuclear source, special nuclear, or by-product material (see Definitions section beginning on page 29) as defined by the Atomic Energy Act of 1954, as amended by 42 U.S.C. 2011 et seq. from the Atomic Energy Act, is mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 1997 Hazardous Waste Report.

Section II: **On-site Generation and Management of Hazardous Waste During 1997**
Boxes A and B must be completed. For each on-site process system, you must also report the System Type and quantity treated, disposed, or recycled on site during 1997. For each hazardous wastewater managed onsite and ultimately discharged:

- With or without prior treatment to a surface water, in accordance with an NPDES permit issued pursuant to Section 402 of the Clean Water Act; or

- With or without pretreatment to a publicly owned treatment works (POTW), in accordance with 307(b) of the Clean Water Act: or

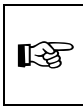
- With or without prior treatment to an underground injection well, in accordance with a permit issued pursuant to the Safe Drinking Water Act,

use only System Type codes M134 (Deepwell/underground injection), M135 (discharge to sewer/POTW), or M136 (Discharge to surface water under NPDES). These codes should be the only management codes used, regardless of what treatment the wastewaters receive prior to discharge. Note that any sludges or other non-wastewaters generated from the treatment of wastewaters should still be reported if they are hazardous.

Box A: Quantity generated in 1997
Enter the total quantity of the hazardous waste described in Section I that was generated during 1997. Right justify the quantity entry. Report the UOM and density for this quantity in Box B.

Box B: UOM and Density
Enter the unit of measure (UOM) code for the quantity you reported in Box A. Report the quantity in one of the units of measure listed on the next page. ***If you select a volumetric measure (gallons, liters, or cubic yards), you must also report the density of the waste***.

Code	Unit of Measure
1	Pounds
2	Short tons (2,000 pounds)
3	Kilograms
4	Metric tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic yards



Skip to Box C if you selected code 1, 2, 3, or 4.
Continue to Density if you selected code 5, 6, or 7.

Density
Report the density only if you entered code 5, 6, or 7 for the unit of measure. Provide the density in either pounds per gallon (lbs/gal) or specific gravity (sg) and check the appropriate box to indicate which measure was used.

Box C: Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW?
Check "Yes" or "No" to indicate if the site did any of the following to the waste reported in Box A: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW. If you checked "Yes," complete the blocks for On-site Process Systems 1 and 2. *While responding to Box C is not mandatory, providing certain information for on-site process systems is required.*

Continue to On-site Process System 1 if you checked "Yes."
Skip to Section III if you checked "No."

On-site Process Systems 1 and 2:

On-site process system type
Enter the code that describes the type of process system (see definition on page 32) in which the waste was managed. Space is provided to report up to two different System Types. If you did not use a second on-site process system to manage the waste, enter "NA" in the space for reporting the System Type code under On-site Process System 2.

System Type Codes, page 75.

The space provided for the second on-site process system should be used **only in the special case** of management of the same waste on site by more than one process system during 1997. Use the second on-site process system only when:

- A waste is managed in one process system for part of a year and in another process system for the rest of the year; or
- A waste is managed by two different process systems at the same time (i.e., management of the waste is split between different process systems).

If more than two on-site process systems meet one of the above conditions, you need not complete the entire form again. Simply attach a second copy of Form GM, leaving blank all entries except Section II, On-site Process System Type. Note in the Comments section of each page "Sec. II, on-site process system type continued on supplemental page." (Refer to page 5 for instructions on page numbering of supplemental pages.)

The space provided for the second on-site process system **should not** be used to report the following:

- The on-site management of the treatment residual generated from management of the waste by the first System Type (on-site management of treatment residuals should be reported on a separate Form GM); or
- To report treatment in a series of process units (see definition on page 32). Report only process systems, not process units.

Quantity treated, disposed, or recycled on site in 1997
Enter the quantity of hazardous waste described in Section I that was treated, disposed, or recycled by the reported on-site process system type during 1997. ***Report the quantity in the same unit of measure reported in Section II, Box B***.

Example: A firm generated 100 tons of F002 solvent waste in 1997. Eighty (80) tons were recycled for reuse in a batch distillation process system generating 5 tons of still bottoms. The remaining 20 tons were burned in an industrial boiler.

Under On-site Process System 1, the site enters the System Type code for distillation (M021) and a quantity of 80 tons. Under On-site Process System 2, the site enters the System Type code for energy recovery of liquids (M051) and a quantity of 20 tons. The 5 tons of still bottoms should be reported on a separate Form GM.

Section III: **Off-site Shipment of Hazardous Waste**
This section requests information on the off-site shipment of hazardous waste. **Do** report shipments of previously generated hazardous wastes stored until 1997. **Do** report waste shipped via transfer facility. Boxes B and E are required for each off-site shipment. The remaining boxes request non-mandatory information.

Space is provided to report shipments of the waste to three different off-site facilities. If the waste was shipped to less than three facilities during 1997, enter "NA" in the space provided for the EPA Identification Number for the remaining sites and leave the rest of the row blank. If the waste you reported in Section I was shipped to more than three off-site facilities during 1997, you need not complete the entire form again. Simply attach a second copy of Form GM leaving blank all entries except Section III, Boxes B, C, D, and E. Note in the Comments section of each page "Sec. III, Box B continued on supplemental page." (Refer to page 5 for instructions on page numbering of supplemental pages.)

Box A: Was any of this waste shipped off site in 1997 for treatment, disposal, or recycling?
Check "Yes" or "No" to indicate if any of the waste described in Section I was shipped off site for treatment, disposal, or recycling during 1997. *While responding to Box A is not mandatory, providing certain information for waste shipped off site is required.*

☞	**Continue to Box B** if you checked "Yes" in Box A. **This Form GM is complete** if you checked "No" in Box A.

Box B: EPA ID No. of facility waste was shipped to
Enter the 12-digit EPA Identification Number of the facility to which the waste was shipped. For wastes shipped to foreign countries, if the facility does not have an EPA Identification Number, enter "FC" followed by the name of the country for the EPA Identification Number.

Box C: System type shipped to
Review the System Type codes beginning on page 75. Enter the System Type code that best describes how the waste was initially managed at the facility reported in Box B.

	System Type Codes, page 75.

Box D: Off-site availability code
Enter the code that best describes the availability of the off-site facility for commercial hazardous waste management.

Code	Off-site availability
1	The off-site facility is a commercial treatment, storage, or disposal facility.
2	The off-site facility is available only to firms owned by the same company.

Box E: Total quantity shipped in 1997
Enter the total quantity of the waste shipped to the off-site facility during 1997. ***Report the quantity in the same unit of measure entered in Section II, Box B***. Shipment quantities should equal the total quantity recorded on Uniform Hazardous Waste Manifests for this site during 1997, unless there were rejections or other complications. The quantity shipped may not necessarily equal the quantity generated (e.g., because some waste is accumulated on site).

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INSTRUCTIONS FOR FILLING OUT FORM WR – WASTE RECEIVED FROM OFF SITE

WHO MUST SUBMIT THIS FORM

A site required to file the 1997 Hazardous Waste Report must submit this form if, during 1997, it received RCRA hazardous waste from off site.

Examples of how to fill out the form are provided in Appendix A.

PURPOSE OF THIS FORM

Form WR identifies hazardous wastes that were received from other hazardous waste handlers and the method(s) used to manage them. Form WR is divided into three identical parts (i.e., waste blocks), labeled Waste 1, Waste 2, and Waste 3, that collect information on the quantities and characteristics of each hazardous waste received from an off-site source during 1997 and managed on site.

HOW TO FILL OUT THIS FORM

You may report waste received from more than one off-site handler on the same page of the form. A separate waste block (e.g., Waste 1) must be filled out for each hazardous waste received from each off-site handler. Hazardous waste from the same off-site handler may be aggregated as long as a single Form code describes the physical form or chemical composition and all of the waste is managed in a single process system (System Type code).

If your site received more than three RCRA hazardous wastes from off-site handlers during 1997, photocopy and fill out additional copies of this form. Prior to photocopying, place the pre-printed site identification label in the top left-hand corner of the form or, if you did not receive pre-printed labels, enter the site name and EPA Identification Number in the space provided.

Use the Comments section at the end of the form to clarify any entry (e.g., "Other" responses) or to continue any entry. When entering information in the Comments section, cross-reference the waste block and box letter to which the comment refers.

NOTE: Refer to the Special Instructions beginning on page 35 for reporting wastes received from CESQGs and from foreign countries.

ITEM-BY-ITEM INSTRUCTIONS

For each waste reported, Boxes A, B, D, E, F, and I must be filled out. Boxes C, G, and H request non-mandatory information.

Box A: Description of hazardous waste

Provide a short narrative description of the waste, citing:

- General type;
- Source;
- Type of hazard; and
- Generic chemical name or primary hazardous constituents.

Example: "Ignitable spent solvent used as a degreaser in tool production; mixture of mineral spirits and kerosene."

In the example, note that the general type (spent solvent), source (degreaser in tool production), type of hazard (ignitability), and generic chemical names (mineral spirits and kerosene) have all been cited.

Box B: EPA hazardous waste code

Enter the EPA hazardous waste code(s) that applies to the waste reported in Box A. If you need room for additional codes, list the codes in the Comments section and cross-reference the applicable waste block number (e.g., Waste 1) and Box B. If fewer than four EPA hazardous waste codes are applicable, enter "NA" in the remaining spaces. If the waste is regulated only by your State, enter "NA" in Box B and report the State hazardous waste codes in Box C.

EPA Hazardous Waste Codes, page 39.

Box C: State hazardous waste code

Enter the State hazardous waste code(s) that applies to the waste reported in Box A, if:

- Your State regulates hazardous wastes not regulated as RCRA hazardous wastes, and requires these wastes to be reported in the 1997 Hazardous Waste Report; or
- Your State uses a hazardous waste code system **other** than the EPA hazardous waste codes listed on pages 39 through 60 of this booklet that applies to the waste described in Box A.

Otherwise, leave Box C blank. If you need space for additional State hazardous waste codes, list the codes in the Comments section and cross-reference the applicable waste block number (e.g., Waste 1) and Box C.

Box D: Off-site handler EPA ID number

Enter the 12-digit EPA Identification Number of the off-site handler from which the waste was received. If the site does not have an EPA Identification Number, enter "NA" in the space provided and note the reason in the Comments section. Cross-reference the applicable waste block number (e.g., Waste 1) and Box D.

If the waste reported under Waste 2 is received from the same off-site handler as the waste reported under Waste 1, check the box to indicate that the EPA ID number is the same as the one reported in Waste 1; if Waste 3 is received from the same off-site handler as Waste 2, check the box to indicate that the EPA ID number is the same as the one reported under Waste 2.

NOTE: Refer to the Special Instructions beginning on page 35 for reporting wastes received from CESQGs and from foreign countries.

Box E: Quantity received in 1997

Report the total quantity of the hazardous waste reported in Box A that was received from the off-site handler reported in Box D during 1997. If more than one shipment of this waste was received from the same off-site handler, add the quantities and report only the sum. Report the unit of measure and density in Box F.

Box F: UOM and Density

Enter the unit of measure (UOM) code for the quantity you reported in Box E. Report quantities in one of the units of measure listed on the next page. ***If you select a volumetric measure (gallons, liters, or cubic yards), you must also report the density of the waste.***

Code	Unit of Measure
1	Pounds
2	Short tons (2,000 pounds)
3	Kilograms
4	Metric tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic yards

Skip to Box G if you entered code 1, 2, 3, or 4.
Continue to Density if you entered code 5, 6, or 7.

Density
Complete density only if you entered code 5, 6, or 7 as a unit of measure. Provide the density in either pounds per gallon (lbs/gal) or specific gravity (sg) and check the appropriate box to indicate which measure was used.

Box G: Form code
Review the Form codes beginning on page 73 and enter the code that best corresponds to the physical form or chemical composition of the hazardous waste reported in Box A.

Form Codes, page 73.

Box H: RCRA-radioactive mixed
Is the hazardous waste reported in Box A mixed with nuclear source, special nuclear, or by-product material? Enter the code for the appropriate response.

Code	RCRA-radioactive mixed
1	Yes
2	No

NOTE: If nuclear source, special nuclear, or by-product material (see Definitions section beginning on page 29) as defined by the Atomic Energy Act of 1954, as amended by 42 U.S.C. 2011 et seq. from the Atomic Energy Act, is mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 1997 Hazardous Waste Report.

Box I: System type
Enter the code that describes the type of process system (see definition on page 32) in which the waste was managed.

System Type Codes, page 75.

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CODE LISTS AND OTHER REFERENCE INFORMATION

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EXCLUDED WASTES

This section presents a partial listing of excluded wastes. The wastes listed here are excluded from the definition of a solid waste in 40 CFR 261.4(a) or are solid wastes excluded from the definition of a hazardous waste in §261.4(b).

Waste Category	Waste Description
Acid, Sulfuric	Spent sulfuric acid used to produce virgin sulfuric acid, unless it is accumulated speculatively as defined in 40 CFR 261.1(c).
Agriculture, Irrigation	Irrigation return flow.
Cement Kiln Dust	Cement kiln dust waste, except as provided by 40 CFR 266.112 for facilities that burn or process hazardous waste. Requirements for generators and managers of cement kiln dust, including reporting requirements, are currently being determined by EPA. Contact the RCRA, Superfund & EPCRA Hotline (see page 3 for number) for further guidance.
Chromium, Leather Tanning	A waste that is considered hazardous because it is listed due to the presence of chromium or it has failed the Toxicity Characteristic leaching procedure due only to chromium's presence, if it is shown by the waste generator that: (1) the chromium in the waste is exclusively, or nearly exclusively, trivalent chromium; (2) the waste is generated from an industrial process that uses trivalent chromium exclusively, or nearly exclusively, and the process does not generate hexavalent chromium; and (3) the waste is typically and frequently managed in non-oxidizing environments. Specific waste types that meet the exclusion are listed in 40 CFR 261.4(b)(6)(ii).
Coking By-products	EPA hazardous waste codes K060, K087, K141, K142, K143, K144, K145, K147, and K148, and any wastes from coke by-products processes that are hazardous only because they exhibit the Toxicity Characteristic specified in 40 CFR 261.24 when, subsequent to generation, these materials are recycled to coke ovens, to the tar recovery process as a feedstock to produce coal tar, or mixed with coal tar prior to the tar's sale or refining. This exclusion is conditioned on there being no land disposal of the wastes from the point they are generated to the point they are recycled to coke ovens, tar recovery, or refining processes, or are mixed with coal tar.
Condenser Residue	Non-wastewater splash condenser dross residue from the treatment of K061 in high temperature metals recovery units, provided it is shipped in drums (if shipped) and not land disposed before recovery.
Distillation Bottoms	Used oil re-refining distillation bottoms that are used as feedstock to manufacture asphalt products.
Drilling Fluid	A drilling fluid, produced water, or other waste associated with the exploration for or the development or production of crude oil, natural gas, or geothermal energy.
Emission Control Waste	Fly ash waste, bottom ash waste, slag waste, or flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels, except as provided in 40 CFR 266.112 for facilities that burn or process hazardous waste.
Fertilizer	Solid waste generated from growing and harvesting of agriculture crops or raising of animals (including production of manure), where the waste is returned to the soil as a fertilizer.
Filters, Oil	Non-terne plated used oil filters that are not mixed with wastes listed in subpart D of 40 CFR Part 261 if these oil filters have been gravity hot-drained using one of the following methods: (1) puncturing the filter anti-drain back valve or the filter dome end and

EXCLUDED WASTES

(Continued)

Waste Category	Waste Description
	hot-draining; (2) hot-draining and crushing; (3) dismantling and hot-draining; or (4) any other equivalent hot-draining method that will remove used oil.
Household	Household waste, including household waste that has been collected, transported, stored, treated, disposed, recovered (e.g., refuse-derived fuel), or reused. "Household waste" means any waste material (including garbage, trash, and sanitary wastes in septic tanks) derived from households (including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day use recreation areas). A resource recovery facility managing municipal solid waste shall not be deemed to be treating, storing, disposing, or otherwise managing hazardous wastes for the purposes of regulation under RCRA if that facility: (1) receives and burns only household wastes (defined above) and commercial or industrial solid waste that does not contain hazardous waste; and (2) does not accept hazardous wastes and the owner or operator of the facility has established contractual requirements or other appropriate notification or inspection procedures to assure that hazardous wastes are neither received nor burned in the facility.
Groundwater, Injected	Injected groundwater that is hazardous only because it exhibits the Toxicity Characteristic (EPA hazardous waste codes D018 through D043 only) in 40 CFR 261.24. Additional details for this exclusion are provided in 40 CFR 261.4(b)(11).
Mining	Solid waste from the extraction, beneficiation, and processing of ores and minerals (including coal, phosphate rock, and overburden from the mining of uranium ore), except as provided in 40 CFR 266.112 for facilities that burn or process hazardous waste. Details on the specific wastes and activities excluded are provided in §261.4(b)(7).
Mining, In situ	Material subjected to in situ mining techniques that is not removed from the ground as part of the extraction process.
Mining, Overburden	Mining overburden returned to the mine site.
Nuclear	Source, special nuclear, or by-product material are defined by the Atomic Energy Act of 1954, as amended by 42 U.S.C. 2011 et seq. from the Atomic Energy Act, as follows: "Source material" means: (1) uranium, thorium, or any other material, determined by the Commission pursuant to the provisions of Section 2091 of this title, to be source material; or (2) ores containing one or more of the foregoing materials in such concentration as the Commission may by regulation determine from time to time. "Special nuclear material" means: (1) plutonium, uranium enriched in the isotope 233 or in the isotope 235, and any other material which the Commission, pursuant to the provisions of Section 2071 of this title, determines to be special nuclear material, but does not include source material; or (2) any material artificially enriched by any of the foregoing, but does not include source material. "By-product material" means: (1) any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to radiation incident to the process of producing or utilizing special nuclear material; and (2) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content.

Waste Category	Waste Description

	**NOTE:** If the material described by the above exclusion is mixed with a hazardous waste, the material is regulated under RCRA as well as under the Nuclear Regulatory Act and is to be reported in the 1997 Hazardous Waste Report.

Petroleum-contaminated Media and Debris	Petroleum-contaminated media and debris that fail the Toxicity Characteristic in 40 CFR 261.24 for EPA hazardous waste codes D018 through D043 only and are subject to the corrective action regulations under 40 CFR Part 280.
Petroleum Refining, Recovered Oil	Recovered oil from petroleum refining, exploration and production, and from transportation incident thereto, which is to be inserted into the petroleum refining process (SIC code 2911) at or before a point (other than direct insertion into a coker) where contaminants are removed. This exclusion applies to recovered oil stored or transported prior to insertion, except that the oil must not be stored in a manner involving placement on the land, and must not be accumulated speculatively, before being so recycled. "Recovered oil" is oil that has been reclaimed from secondary materials (such as wastewater) generated from normal petroleum refining, exploration and production, and transportation practices. Recovered oil includes oil that is recovered from refinery wastewater collection and treatment systems, oil recovered from oil and gas drilling operations, and oil recovered from wastes removed from crude oil storage tanks. Recovered oil does not include (among other things) oil-bearing hazardous wastes listed in 40 CFR Part 261 (e.g., K048-K052, F037, F038). However, oil recovered from such wastes may be considered recovered oil. Recovered oil also does not include used oil as defined in 40 CFR 279.1.
Pulping Liquor	Potentially recyclable pulping liquor (i.e., black liquor) that is reclaimed in a pulping liquor recovery furnace and then reused in the pulping process, unless it is accumulated speculatively as defined in 40 CFR 261.1(c).
Refrigerants	Used chlorofluorocarbon refrigerants from totally enclosed heat transfer equipment, including mobile air conditioning systems, mobile refrigeration, and commercial and industrial air conditioning and refrigeration systems that use chlorofluorocarbons as the heat transfer fluid in a refrigeration cycle, provided the refrigerant is reclaimed for further use.
Secondary Materials	Secondary materials that are reclaimed and returned to the original process or processes in which they were generated where they are reused in the production process provided: (1) only tank storage is involved and the entire process through completion of reclamation is closed by being entirely connected with pipes or other comparable enclosed means of conveyance; (2) reclamation does not involve controlled flame combustion (such as occurs in boilers, industrial furnaces, or incinerators); (3) the secondary materials are never accumulated in such tanks for over twelve months without being reclaimed; and (4) the reclaimed material is not used to produce a fuel or to produce products that are used in a manner constituting disposal.
Sewage, Domestic	Any untreated sanitary wastes that pass through a sewer system.
Sewage Mixture	Any mixture of domestic sewage and other wastes that passes through a sewer system to a publicly owned treatment works (POTW) for treatment.
Wastewater, Point Source Discharge	Industrial wastewater discharge subject to regulation under section 402 of the Clean Water Act, as amended. This exclusion applies only to the actual point source discharge. It does not

EXCLUDED WASTES

(Continued)

Waste Category	Waste Description
	exclude industrial wastewaters while they are being collected, stored, or treated before discharge, nor does it exclude sludges generated by industrial wastewater treatment.
Wood, Wood Products	Solid waste consisting of discarded arsenical-treated wood or wood products that fail the Toxicity Characteristic for EPA hazardous waste codes D004 through D017, are not considered hazardous for any other reason, and are generated by persons who utilize the arsenical-treated wood and wood products for the materials' intended end uses. Also, spent wood preserving solutions that are reclaimed and reused for their original intended purpose; and wastewaters from the wood preserving processes that have been reclaimed and are used to treat wood.

DEFINITIONS

This section contains definitions of terms helpful for completing the Biennial Report. For terms defined in the Code of Federal Regulations (CFR), the appropriate citation is provided.

Accumulation

A site that does not hold RCRA Interim Status or a RCRA permit may accumulate hazardous waste for a short period of time before shipping it off site. The waste must be accumulated in either tanks or containers; it may not be accumulated in surface impoundments.

Generators of more than 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 90 days before shipping it off site. Generators of 100 kg (220 lbs) to 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 180 days before shipping it off site. If the nearest treatment, storage, disposal, or recycling facility to which they can send their waste is more than 200 miles away, they may accumulate their waste for 270 days. See 40 CFR 262.34.

Acute Hazardous Waste

Any hazardous waste with an EPA hazardous waste code beginning with the letter "P" (40 CFR 261.33(e)) or any of the following "F" codes: F020, F021, F022, F023, F026, and F027 (40 CFR 261.31). These wastes are subject to stringent quantity standards for accumulation and generation (40 CFR 261.5(e)).

Authorized State

A State that has obtained authorization from EPA to direct its own RCRA program.

By-product Material

For purposes of the Biennial Report, a by-product material is (1) any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to the radiation incident to the process of producing or utilizing special nuclear material; and (2) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content (defined in the Atomic Energy Act of 1954).

Confidential Business Information (CBI)

Information a facility does not wish to make available to the general public for competitive business reasons. Confidential Business Information (CBI) may be claimed for certain information in your report. A claim may be made in accordance with 40 CFR Part 2, Subpart B.

Conditionally Exempt Small Quantity Generator (CESQG)

A CESQG is a generator that meets the following criteria:

(a) In every single month during 1997, the site generated no more than 100 kg (220 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup spillage of acute hazardous waste; and

(b) the site accumulated at any time during 1997 no more than 1,000 kg (2,200 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; and

(c) the site treated or disposed of the hazardous waste in a manner consistent with regulatory provisions.

Code of Federal Regulations (CFR)

Codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the Federal Government. The Code is divided into 50 titles which represent broad areas subject to Federal regulation. Each title is divided into chapters that usually bear the name of the

	issuing agency. Each chapter is further subdivided into parts covering specific regulatory areas. The CFR title applicable for the Biennial Report is "40," as in "40 CFR 262.34."
Delisted Wastes	Site-specific wastes excluded from reporting under 40 CFR 260.20 and 260.22. A waste at a particular generating site may be excluded by petitioning the EPA Administrator for a regulatory amendment. These wastes are listed in Appendix IX of 40 CFR Part 261.
Disposal	As defined in 40 CFR 260.10, the discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters. For purposes of the Biennial Report, disposal generally refers to the hazardous waste management methods defined by System Type codes M131 through M134, and M137.
Environmental Protection Agency (EPA)	EPA, also called U.S. EPA, means the United States Environmental Protection Agency. Some State environmental authorities may be called EPA also, as in "Illinois EPA."
EPA Identification Number	A 12-character number assigned by EPA to each generator, transporter, and treatment, disposal, or storage facility (40 CFR 260.10). Facilities that are not generators, but that anticipate generation activities may also apply for and receive an EPA Identification Number. The first two characters are the two-letter abbreviation for the State in which the site is physically located. The third character can be either alphabetical or numeric. The remaining nine characters are always numeric.
Excluded Wastes	Wastes exempted from regulation under 40 CFR 261.3 and 261.4. See page 25 for a partial listing.
Facility	As defined in 40 CFR 260.10, all contiguous land, and structures, other appurtences, and improvements on the land, used for treating, storing, or disposing of hazardous waste. A facility may consist of several treatment, storage, or disposal units (e.g., one or more landfills, surface impoundments, or combinations of them).
Generator	Any person, by site, whose act or process produces hazardous waste identified in 40 CFR Part 261 or whose act first causes a hazardous waste to become subject to regulation (40 CFR 260.10). See also the definitions for conditionally exempt small quantity generator, large quantity generator, and small quantity generator.
Handler	A generator, transfer facility, TSD facility, or other entity that handles hazardous waste.
Hazardous Waste	Solid waste that possesses at least one of four hazardous characteristics (ignitability, corrosivity, reactivity, and toxicity) or appears on special EPA lists. A hazardous waste is regulated under Subtitle C of RCRA. The regulatory definition of hazardous waste is found in 40 CFR 261.3.
Hazardous Waste Number or Code, EPA	The number (or code) assigned by EPA to each hazardous waste listed in 40 CFR Part 261, Subpart D and to each characteristic identified in 40 CFR Part

261, Subpart C. The codes consist of one letter (D, F, P, U, or K) and three numbers. The list of EPA hazardous waste codes begins on page 39.

Incineration

Burning of certain types of solid, liquid, or gaseous materials; or a treatment technology involving destruction of waste by controlled burning at high temperatures (e.g., burning sludge to remove the water and reduce the remaining residues to a safe, non-burnable ash that can be disposed safely on land, in some waters, or in underground locations).

Interim (Permit) Status

Period during which the owner/operator of an existing TSD facility is treated as having been issued a RCRA permit even though he/she has not yet received a final determination. An existing facility should have automatically qualified for interim status if the owner/operator filed both timely "notification" and the first part (Part A) of the RCRA permit application. Interim status continues until a final determination is made to issue or deny the permit. Owners/operators of new facilities cannot by definition qualify for interim status; rather, they need a RCRA permit prior to beginning construction of a hazardous waste management facility.

Large Quantity Generator (LQG)

A site is an LQG if it met **any** of the following criteria during the year:

(a) The site generated in one or more months 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

(b) the site generated in one or more months, or accumulated at any time, 1 kg (2.2 lbs) of RCRA acute hazardous waste; **or**

(c) the site generated or accumulated at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

RCRA hazardous wastes managed in systems regulated under the Clean Water Act or the Safe Drinking Water Act, or wastes that are recycled or reclaimed, or wastes regulated only by your State are not to be counted in determining whether a site is a LQG.

Management, or Hazardous Waste Management

Systematic control of the collection, source separation, storage, transportation, processing, treatment, recovery, or disposal of hazardous waste (40 CFR 260.10).

Manifest, Uniform Hazardous Waste

The shipped document EPA form 8700-22 and, if necessary, Form 8700-22A, originated and signed by a generator in accordance with the instructions included in the appendix to 40 CFR Part 262. The "cradle-to-grave" paperwork must accompany a shipment of hazardous waste as it moves from the generator to the transporter and eventually to the hazardous waste management facility.

Off-site Facility

A hazardous waste treatment, storage, disposal, or recycling area located at a place away from the generating site.

On-site Facility

A hazardous waste treatment, storage, disposal, or recycling area located on the generating site.

Operator

Person responsible for the overall operation of a facility (40 CFR 260.10).

Owner

Person who owns a facility or part of a facility (40 CFR 260.10).

Process System

For purposes of the Biennial Report, a process system refers to one or more units used together to treat, recover, or dispose a hazardous waste. The process system begins at the unit where the hazardous waste first enters and consists of all other treatment, recovery, or disposal units downstream from the point of entry. Note that storage is **not** considered a process system.

Classify each process system with a System Type code that best identifies the primary purpose/operation it performs. For example, a process system to remove dissolved metals from wastewater typically includes equalization, pH adjustment, chemical precipitation, flocculation, clarification/settling, and dewatering of the sludge removed from the bottom of the clarifier. The chemical precipitation process best identifies the primary purpose of this treatment system – to remove metals from the wastewater. Therefore, categorize the process system under the System Type of chemical precipitation (M077). A listing of System Type codes begins on page 75.

Process Unit

For purposes of the Biennial Report, a process unit refers to a single type of treatment (e.g., tank, distillation column, surface impoundment) in which hazardous waste is treated, disposed, or recycled.

Resource Conservation and Recovery Act (RCRA)

The Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act (RCRA) (40 CFR 270.2). It is the Federal statute that regulates the generation, treatment, storage, disposal, recycling, and/or transportation of solid and hazardous waste.

RCRA Interim (Permit) Status

Refer to "Interim (Permit) Status" definition on page 31.

RCRA Permit

A complete RCRA permit is comprised of an operating permit for hazardous waste treatment, storage, and disposal, and a corrective action permit addressing releases from solid waste management unit (SWMUs). To apply for a permit, a site must file a two-part application (Part A and Part B). A facility is not considered to have a complete RCRA permit until both parts have been issued.

Recycling

Use, reuse, or reclamation of a material (40 CFR 261.1(c)(7)). "Reclamation" is the processing or regeneration of a material to recover a usable product (e.g., recovery of lead values from spent batteries, regeneration of spent solvents) (40 CFR 261.1(c)(4)). A material is "used or reused" if it is either: (1) employed as an ingredient (including use as an intermediate) in an industrial process to make a product (e.g., distillation bottoms from one process used as feedstock in another process) (40 CFR 261.1(c)(5)). However, a material will not satisfy this condition if distinct components of the material are recovered as separate end products (as when metals are recovered from metal-containing secondary materials); or (2) employed in a particular function or application as an effective substitute for a commercial product (e.g., spent pickle liquor used as phosphorous precipitant and sludge conditioner in wastewater treatment).

Residual

A hazardous waste derived from the treatment, disposal, or recycling of a previously existing hazardous waste (e.g., the sludge remaining after initial wastewater treatment).

Site

For purposes of the Biennial Report, any holder of an EPA Identification Number. A site may be a generator, a transfer facility, a TSD facility, or a combination

of the three, or a non-regulated facility that, even though it is not required to, has requested and received an EPA Identification Number.

Sludge

Any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility exclusive of the treated effluent from a wastewater treatment plant (40 CFR 260.10).

Small Quantity Generator (SQG)

An SQG is defined by **all** the following criteria:

(a) In one or more months of the year the site generated more than 100 kg (220 lbs) of hazardous waste, but in no month did the site generate: (1) 1,000 kg (2,200 lbs) or more of hazardous waste, or (2) 1 kg (2.2 lbs) or more of acute hazardous waste, or (3) 100 kg (220 lbs) or more of material from the cleanup of a spillage of acute hazardous waste; and

(b) the site accumulated at any time during the year no more than 1 kg (2.2 lbs) of acute hazardous waste and no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; and

(c) the site stored its wastes in tanks or containers in a manner consistent with regulatory provisions.

OR, the site is a Small Quantity Generator if during the year:

(a) The site met all other criteria for a Conditionally Exempt Small Quantity Generator (CESQG), but

(b) the site accumulated 1,000 kg (2,200 lbs) or more of hazardous waste.

Solid Waste

Any garbage, refuse, or sludge, or other materials not excluded under 40 CFR 261.4(a). Exclusions include domestic sewage and any mixture of other wastes that pass through a sewer system to a publicly owned treatment works (POTWs); industrial wastewater discharges that are point source discharges subject to regulation under the Clean Water Act; irrigation return flows; nuclear materials defined by the Atomic Energy Act; and in situ mining materials (see also page 25). Wastewaters being collected, stored, or treated before discharge and sludges generated by wastewater treatment are not excluded. EPA defines hazardous waste as a subset of solid waste.

Source Material

As defined by the Atomic Energy Act of 1954: (1) Uranium, thorium, or any other material determined by the Commission pursuant to the provisions of Section 2091 of this title to be source material; or (2) ores containing one or more of the foregoing materials in such concentration as the Commission may by regulation determine from time to time.

Special Nuclear Material

As defined by the Atomic Energy Act of 1954: (1) plutonium, uranium enriched in the isotope 233 or in the isotope 235, and any other material which the Commission, pursuant to the provisions of Section 2071 of this title, determines to be special nuclear material, but does not include source material; or (2) any material artificially enriched by any of the foregoing, but does not include source material.

DEFINITIONS
(Continued)

Standard Industrial Classification (SIC) Code	A four-digit coding system, developed by the Census Bureau and the Office of Management and Budget (OMB), that categorizes the principal product or group of products produced or distributed, or services rendered, at a site's physical location.
Storage	Temporary holding of hazardous waste until it is treated, disposed, or stored elsewhere (40 CFR 260.10). Storage methods include containers, tanks, and surface impoundments.
Superfund	The program operated under the legislative authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and Superfund Amendment Reauthorization Act (SARA) that funds and carries out the solid waste emergency response and long-term remedial activities of EPA.
Surface Impoundment	A natural topographic depression, man-made excavation, or diked area formed primarily from earthen materials (though it may be lined with man-made materials) that is designed to accumulate liquid wastes or wastes containing free liquids, and that is not an injection well (40 CFR 260.10).
Transfer Facility	Any transportation related facility including loading docks, parking areas, storage areas, and other similar areas where shipments of hazardous waste are held during the normal course of transportation (40 CFR 260.10).
Transporter	A person that transports hazardous waste off site, by air, rail, road, or water (40 CFR 260.10). Transporters must comply with 40 CFR Part 263.
Treatment	Any method, technique, or process, including neutralization, designed to: (1) change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such waste; (2) recover energy or material resources from the waste; or (3) render such waste non-hazardous or less hazardous, safer to transport, store, or dispose, or amenable to recovery, storage, or reduction in volume (40 CFR 260.10).
Treatment, Storage, and Disposal (TSD) Facility	A facility that treats, stores, or disposes hazardous waste.
Unit	Refer to "Process Unit" definition on page 32.

SPECIAL INSTRUCTIONS

These instructions explain how to complete the 1997 Hazardous Waste Report for wastes and waste handlers with unique regulatory or reporting requirements.

Asbestos, PCBs, waste oils

In most cases, **do not** report asbestos, PCBs, and waste oils. However, you **must** report them **if any** of the following conditions exist:

(1) If your State specifically requires that these wastes be reported;

(2) If a listed RCRA hazardous waste (i.e., EPA hazardous waste code that begins with "F," "K," "P," or "U") is mixed with asbestos, PCBs, or waste oil, in which case the entire mixture is a hazardous waste; or

(3) If the waste possesses one or more of the characteristics that result in assigning an EPA hazardous waste code beginning with "D."

Do not report "used oil that exhibits one or more of the characteristics of hazardous waste (criterion 3 above) but is recycled in some other manner than being burned for energy recovery" (40 CFR 261.6 (a)(3)(iii)). **Do** report it if the waste oil is burned or disposed.

Lab packs

The following rules apply to the reporting of lab pack wastes in the 1997 Hazardous Waste Report:

(1) You may aggregate lab pack waste containers in most cases. However, you must report them as separate wastes under the following conditions:

- If they contain **RCRA acute hazardous wastes** (i.e., EPA hazardous waste codes F020, F021, F022, F023, F026, F027, and all "P" waste codes). Report separately from lab packs containing other RCRA hazardous wastes (all other EPA hazardous waste codes).

- If they are managed differently from each other. For example, report lab packs shipped to landfills separately from those incinerated.

(2) Enter a form code (see page 73) indicating lab packs (i.e., B001, B002, B003, B004, or B009) in Section I, Box H of Form GM, or Box G of Form WR. These Form codes are to be used with any lab pack, whether the wastes are gaseous, liquid, solid, or sludge.

(3) It is **not** necessary to report every EPA hazardous waste code included in a batch of lab packs. Record one, or a few predominant, EPA hazardous waste codes in Section I, Box B of Form GM, or Box B of Form WR. If there are many EPA hazardous waste codes associated with the batch of lab packs, enter "LABP" in the first four-character field in Section I, Box B of Form GM, or Box B of Form WR; then enter "NA" in the remaining spaces for EPA hazardous waste codes.

(4) When reporting quantities for lab packs:

- **Include** the weight of the containers if they are disposed (e.g., landfilled) or treated (e.g., incinerated) with the waste.

- **Exclude** the weight of the containers if the waste is removed from the containers before treatment or disposal.

(5) Origin codes for lab packs vary depending on the situation. Review the Origin codes carefully (see page 13) to determine which is most appropriate in your case.

Groundwater contaminated by leachate

Groundwater contaminated by RCRA hazardous waste leachate is not considered a solid waste and is, therefore, not classified as a hazardous waste. However, because hazardous waste is "contained in" the groundwater, it must be treated "as if" it were a RCRA hazardous waste. When reporting groundwater contaminated by leachate in the 1997 Hazardous Waste Report, observe the following conventions:

(1) **Do not** report generation quantities for contaminated groundwater. Enter "NA" in Form GM, Section II, Box A. Explain in the Comments section that it is groundwater, not a hazardous waste, that was generated on site.

(2) **Do** report quantities managed on site (Form GM, Section II, On-site Process Systems 1 and 2); quantities shipped off site for management (Form GM, Section III); and quantities received from off site and managed on site (Form WR, Box E).

RCRA-radioactive mixed wastes

By themselves, source material, special nuclear material, or by-product materials (See Definitions section beginning on page 29), as defined by the Atomic Energy Act of 1954 and amended by 42 U.S.C. 2011 et. seq., are not classified as hazardous wastes under RCRA. However, if these materials are mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation, as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations, and is to be reported in the 1997 Hazardous Waste Report.

Wastes received from Conditionally Exempt Small Quantity Generators (CESQGs)

Waste management facilities sometimes receive hazardous wastes from large numbers of Conditionally Exempt Small Quantity Generators (CESQGs) or other handlers that do not have RCRA EPA Identification Numbers. To minimize the response burden for filling out the WR form for these wastes, you may aggregate the wastes across generating sites, in accordance with the following guidelines:

(1) All the wastes must have the same EPA hazardous waste code (Box B), State hazardous waste code (Box C), Form code (Box G), RCRA-radioactive mixed code (Box H), and System Type code (Box I).

(2) Wastes received from different States must be reported separately. For the off-site handler EPA ID number (Box D), the entry should include the two letter postal code of the originating State, followed by the letters "CESQG."

For example, wastes received from several CESQGs in the State of Alaska (AK) that share a common EPA hazardous waste code, State hazardous waste code, Form code, RCRA-radioactive mixed code, and System Type code could be aggregated in a single waste block of Form WR (e.g., Waste 1). In Box D, the off-site handler EPA ID number is entered as "AKCESQG."

Wastes received from foreign countries

Report on Form WR all wastes received by your facility from a foreign site that were managed on site. If the foreign site has an EPA Identification (ID) Number, report receipts from that site just as you would report receipts from a domestic site. If the site does not have an EPA ID Number, report the code "FC" for foreign country followed by the name of the country in the space for the EPA ID number.

Report on Form OI the name and address of all foreign generators, if this form is required by your State.

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EPA HAZARDOUS WASTE CODES

Code	Waste description
	CHARACTERISTICS OF HAZARDOUS WASTE *(SEE 40 CFR 261.24)*
D001	Ignitable waste
D002	Corrosive waste
D003	Reactive waste
D004	Arsenic
D005	Barium
D006	Cadmium
D007	Chromium
D008	Lead
D009	Mercury
D010	Selenium
D011	Silver
D012	Endrin
D013	Lindane
D014	Methoxychlor
D015	Toxaphene
D016	2,4-D
D017	2,4,5-TP Silvex
D018	Benzene
D019	Carbon tetrachloride
D020	Chlordane
D021	Chlorobenzene
D022	Chloroform
D023	o-Cresol
D024	m-Cresol
D025	p-Cresol
D026	Cresol
D027	1,4-Dichlorobenzene
D028	1,2-Dichloroethane
D029	1,1-Dichloroethylene
D030	2,4-Dinitrotoluene
D031	Heptachlor (and its epoxide)
D032	Hexachlorobenzene
D033	Hexachlorobutadiene
D034	Hexachloroethane
D035	Methyl ethyl ketone
D036	Nitrobenzene
D037	Pentachlorophenol
D038	Pyridine
D039	Tetrachloroethylene
D040	Trichlorethylene
D041	2,4,5-Trichlorophenol
D042	2,4,6-Trichlorophenol
D043	Vinyl chloride
	HAZARDOUS WASTE FROM NONSPECIFIC SOURCES *(SEE 40 CFR 261.31)*
F001	The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichlorethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F002	The following spent halogenated solvents: tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene,

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	trichlorofluoromethane, and 1,1,2, trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F003	The following spent non-halogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F004	The following spent nonhalogenated solvents: cresols, cresylic acid, and nitrobenzene; and the still bottoms from the recovery of these solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F005	The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F006	Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.
F007	Spent cyanide plating bath solutions from electroplating operations.
F008	Plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process.
F009	Spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process.
F010	Quenching bath residues from oil baths from metal heat treating operations in which cyanides are used in the process.
F011	Spent cyanide solutions from slat bath pot cleaning from metal heat treating operations.
F012	Quenching wastewater treatment sludges from metal heat treating operations in which cyanides are used in the process.
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.
F020	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce derivatives.
F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
F023	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F024	Process wastes including, but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludge, spent catalysts, and wastes listed in Sections 261.31. or 261.32.)
F025	Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one, to and including five, with varying amounts and positions of chlorine substitution.
F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.
F027	Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA hazardous waste nos. F020, F021, F022, F023, F026, and F027.
F032	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use, or have previously used, chlorophenolic formulations [except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with Section 261.35 (i.e., the newly promulgated equipment cleaning or replacement standards), and where the generator does not resume or initiate use of chlorophenolic formulations]. (This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.)
F034	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F035	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F037	Petroleum refinery primary oil/water/solids separation sludge - Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and storm water units receiving dry weather flow. Sludges generated in storm water units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2)(including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and K051 wastes are exempted from this listing.
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge - Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and F037, K048, and K051 wastes are exempted from this listing.
F039	Leachate resulting from the treatment, storage, or disposal of wastes classified by more than one waste code under Subpart D, or from a mixture of wastes classified under Subparts C and D of this part. (Leachate resulting from the management of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its hazardous waste code(s): F020, F021, F022, F023, F026, F027, and/or F028.)
HAZARDOUS WASTE FROM SPECIFIC SOURCES *(SEE 40 CFR 261.32)*	
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.
K003	Wastewater treatment sludge from the production of molybdate orange pigments.
K004	Wastewater treatment sludge from the production of zinc yellow pigments.
K005	Wastewater treatment sludge from the production of chrome green pigments.
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).
K007	Wastewater treatment sludge from the production of iron blue pigments.
K008	Oven residue from the production of chrome oxide green pigments.
K009	Distillation bottoms from the production of acetaldehyde from ethylene.
K010	Distillation side cuts from the production of acetaldehyde from ethylene.
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile.
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile.
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.
K015	Still bottoms from the distillation of benzyl chloride.
K016	Heavy ends or distillation residues from the production of carbon tetrachloride.
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.
K018	Heavy ends from the fractionation column in ethyl chloride production.
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K021	Aqueous spent antimony catalyst waste from fluoromethane production.
K022	Distillation bottom tars from the production of phenol/acetone from cumene.
K023	Distillation light ends from the production of phthalic anhydride from naphthalene.
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene.
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.
K026	Stripping still tails from the production of methyl ethyl pyridines.
K027	Centrifuge and distillation residues from toluene diisocyanate production.
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.
K031	By-product salts generated in the production of MSMA and cacodylic acid.
K032	Wastewater treatment sludge from the production of chlordane.
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.
K035	Wastewater treatment sludges generated in the production of creosote.
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton.
K037	Wastewater treatment sludges from the production of disulfoton.
K038	Wastewater from the washing and stripping of phorate production.
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.
K040	Wastewater treatment sludge from the production of phorate.
K041	Wastewater treatment sludge from the production of toxaphene.
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.
K043	2,6-dichlorophenol waste from the production of 2,4-D.
K044	Wastewater treatment sludges from the manufacturing and processing of explosives.
K045	Spent carbon from the treatment of wastewater containing explosives.
K046	Wastewater treatment sludges from the manufacturing, formulation, and loading of lead-based initiating compounds.
K047	Pink/red water from TNT operations.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.
K049	Slop oil emulsion solids from the petroleum refining industry.
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.
K051	API separator sludge from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K062	Spent pickle liquor from steel finishing operations of plants that produce iron or steel.
K064	Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production.
K065	Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
K066	Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.
K069	Emission control dust/sludge from secondary lead smelting.
K071	Brine purification muds from the mercury cell process in chlorine production, in which separately prepurified brine is not used.
K073	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.
K083	Distillation bottoms from aniline production.
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.
K086	Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.
K087	Decanter tank tar sludge from coking operations.
K088	Spent potliners from primary aluminum reduction.
K090	Emission control dust or sludge from ferrochromiumsilicon production.
K091	Emission control dust or sludge from ferrochromium production.
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene.
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
K095	Distillation bottoms from the production of 1,1,1-trichloroethane.
K096	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.
K098	Untreated process wastewater from the production of toxaphene.
K099	Untreated wastewater from the production of 2,4-D.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K103	Process residues from aniline extraction from the production of aniline.
K104	Combined wastewaters generated from nitrobenzene/aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
K106	Wastewater treatment sludge from the mercury cell process in chlorine production.
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.
K108	Condensed column overheads from product separation and condensed reactor vent gases

Code	Waste description
	from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K109	Spent filter cartridges from product purification from the product of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K110	Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K111	Product washwaters from the production of dinitrotoluene via nitration of toluene.
K112	Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
K113	Condensed liquid light ends from purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K114	Vicinals from the purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K115	Heavy ends from purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K116	Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
K118	Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K123	Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.
K124	Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.
K125	Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.
K126	Baghouse dust and floor sweepings in milling and packaging operations from production or formulation of ethylenebisdithiocarbamic acid and its salts.
K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K141	Process residues from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank sludge from coking operations).
K142	Tank storage residues from the production of coke from coal or from the recovery of coke by-products from coal.
K143	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
K144	Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
K147	Tar storage residues from coal tar refining.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K148	Residues from coal tar distillation, including, but not limited to, still bottoms.
K149	Distillation bottoms from the production of alpha (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzoyl chloride]
K150	Organic residuals excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K151	Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUALS, AND SPILL RESIDUES THEREOF – ACUTE HAZARDOUS WASTE *(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)*

Code	Waste description
P001	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%
P001	Warfarin, & salts, when present at concentrations greater than 0.3%
P002	1-Acetyl-2-thiourea
P002	Acetamide, N-(aminothioxomethyl)-
P003	2-Propenal
P003	Acrolein
P004	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)-
P004	Aldrin
P005	2-Propen-1-ol
P005	Allyl alcohol
P006	Aluminum phosphide (R,T)
P007	3(2H)-Isoxazolone, 5-(aminomethyl)-
P007	5-(Aminomethyl)-3-isoxazolol
P008	4-Aminopyridine
P008	4-Pyridinamine
P009	Ammonium picrate (R)
P009	Phenol, 2,4,6-trinitro-, ammonium salt (R)
P010	Arsenic acid H_3AsO_4
P011	Arsenic oxide As_2O_5
P011	Arsenic pentoxide
P012	Arsenic oxide As_2O_3
P012	Arsenic trioxide
P013	Barium cyanide
P014	Benzenethiol
P014	Thiophenol
P015	Beryllium powder
P016	Dichloromethyl ether
P016	Methane, oxybis[chloro-
P017	2-Propanone, 1-bromo-
P017	Bromoacetone
P018	Brucine
P018	Strychnidin-10-one, 2,3-dimethoxy-
P020	Dinoseb
P020	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
P021	Calcium cyanide

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P021	Calcium cyanide $Ca(CN)_2$
P022	Carbon disulfide
P023	Acetaldehyde, chloro-
P023	Chloroacetaldehyde
P024	Benzenamine, 4-chloro-
P024	p-Chloraniline
P026	1-(o-Chlorophenyl)thiourea
P026	Thiourea, (2-chlorophenyl)-
P027	3-Chloropropionitrile
P027	Propanenitrile, 3-chloro-
P028	Benzene, (chloromethyl)-
P028	Benzyl chloride
P029	Copper cyanide
P029	Copper cyanide Cu(CN)
P030	Cyanides (soluble cyanide salts), not otherwise specified
P031	Cyanogen
P031	Ethanedinitrile
P033	Cyanogen chloride
P033	Cyanogen chloride (CN)Cl
P034	2-Cyclohexyl-4,6-dinitrophenol
P034	Phenol, 2-cyclohexyl-4,6-dinitro-
P036	Arsonous dichloride, phenyl-
P036	Dichlorophenylarsine
P037	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-
P037	Dieldrin
P038	Arsine, diethyl-
P038	Diethylarsine
P039	Disulfoton
P039	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
P040	O,O-Diethyl O-pyrazinyl phosphorothioate
P040	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
P041	Diethyl-p-nitrophenyl phosphate
P041	Phosphoric acid, diethyl 4-nitrophenyl ester
P042	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-
P042	Epinephrine
P043	Diisopropylfluorophosphate (DFP)
P043	Phosphorofluoridic acid, bis(1-methylethyl) ester
P044	Dimethoate
P044	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester
P045	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[methylamino)carbonyl] oxime
P045	Thiofanox
P046	alpha,alpha-Dimethylphenethylamine
P046	Benzeneethanamine, alpha, alpha-dimethyl-
P047	4,6-Dinitro-o-cresol, & salts
P047	Phenol, 2-methyl-4,6-dinitro-, & salts
P048	2,4-Dinitrophenol
P048	Phenol, 2,4-dinitro-
P049	Dithiobiuret
P049	Thioimidodicarbonic diamide $[(H_2N)C(S)]_2NH$

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P050	6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-,3-oxide
P050	Endosulfan
P051	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)- & metabolites
P051	Endrin
P051	Endrin, & metabolites
P054	Aziridine
P054	Ethyleneimine
P056	Fluorine
P057	Acetamide, 2-fluoro-
P057	Fluoroacetamide
P058	Acetic acid, fluoro-, sodium salt
P058	Fluoroacetic acid, sodium salt
P059	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-
P059	Heptachlor
P060	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)-
P060	Isodrin
P062	Hexaethyl tetraphosphate
P062	Tetraphosphoric acid, hexaethyl ester
P063	Hydrocyanic acid
P063	Hydrogen cyanide
P064	Methane, isocyanato-
P064	Methyl isocyanate
P065	Fulminic acid, mercury(2+) salt (R,T)
P065	Mercury fulminate (R,T)
P066	Ethanimidothioic acid, N-[[(methylamino)carbonyl]oxy]-, methyl ester
P066	Methomyl
P067	1,2-Propylenimine
P067	Aziridine, 2-methyl-
P068	Hydrazine, methyl-
P068	Methyl hydrazine
P069	2-Methyllactonitrile
P069	Propanenitrile, 2-hydroxy-2-methyl-
P070	Aldicarb
P070	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime
P071	Methyl parathion
P071	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester
P072	alpha-Naphthylthiourea
P072	Thiourea, 1-naphthalenyl-
P073	Nickel carbonyl
P073	Nickel carbonyl $Ni(CO)_4$, (T-4)-
P074	Nickel cyanide
P074	Nickel cyanide $Ni(CN)_2$
P075	Nicotine, & salts
P075	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-, & salts
P076	Nitric oxide
P076	Nitrogen oxide NO
P077	Benzenamine, 4-nitro-
P077	p-Nitroaniline
P078	Nitrogen dioxide
P078	Nitrogen oxide NO_2

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P081	1,2,3-Propanetriol, trinitrate (R)
P081	Nitroglycerine (R)
P082	Methanimine, N-methyl-N-nitroso-
P082	N-Nitrosodimethylamine
P084	N-Nitrosomethylvinylamine
P084	Vinylamine, N-methyl-N-nitroso-
P085	Diphosphoramide, octamethyl-
P085	Octamethylpyrophosphoramide
P087	Osmium oxide OsO_4, (T-4)-
P087	Osmium tetroxide
P088	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
P088	Endothall
P089	Parathion
P089	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester
P092	Mercury, (acetato-O)phenyl-
P092	Phenylmercury acetate
P093	Phenylthiourea
P093	Thiourea, phenyl-
P094	Phorate
P094	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
P095	Carbonic dichloride
P095	Phosgene
P096	Hydrogen phosphide
P096	Phosphine
P097	Famphur
P097	Phosphorothioic acid O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester
P098	Potassium cyanide
P098	Potassium cyanide K(CN)
P099	Argentate (1-), bis(cyano-C)-, potassium
P099	Potassium silver cyanide
P101	Ethyl cyanide
P101	Propanenitrile
P102	2-Propyn-1-ol
P102	Propargyl alcohol
P103	Selenourea
P104	Silver cyanide
P104	Silver cyanide Ag(CN)
P105	Sodium azide
P106	Sodium cyanide
P106	Sodium cyanide Na(CN)
P108	Strychnidin-10-one, & salts
P108	Strychnine, & salts
P109	Tetraethyldithiopyrophosphate
P109	Thiodiphosphoric acid, tetraethyl ester
P110	Plumbane, tetraethyl-
P110	Tetraethyl lead
P111	Diphosphoric acid, tetraethyl ester
P111	Tetraethyl pyrophosphate
P112	Methane, tetranitro- (R)
P112	Tetranitromethane (R)
P113	Thallic oxide
P113	Thallium oxide Tl_2O_3
P114	Selenious acid, dithallium (1+) salt

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P114	Thallium(I) selenite
P115	Sulfuric acid, dithallium (1+) salt
P115	Thallium(I) sulfate
P116	Hydrazinecarbothioamide
P116	Thiosemicarbazide
P118	Methanethiol, trichloro-
P118	Trichloromethanethiol
P119	Ammonium vanadate
P119	Vanadic acid, ammonium salt
P120	Vanadium oxide V_2O_5
P120	Vanadium pentoxide
P121	Zinc cyanide
P121	Zinc cyanide $Zn(CN)_2$
P122	Zinc phosphide Zn_3P_2, when present at concentrations greater than 10% (R,T)
P123	Toxaphene
P127	7-Benzofuranol, 2-3dihydro-2,2-dimethyl-, methylcarbamate
P127	Carbofuran.
P127	7-Benzufuranol, 2, 3-dihydro-2, 2 dimethyl-, methylcarbamate
P128	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)
P128	Mexacarbate
P185	1,3-Dithiolane-2carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl] oxime.
P188	Physostigmine salicylate
P189	Carbosulfan
P189	Carbamic acid, [(dibutylamino)-thio]methyl-,2,3-dihydro-2,2dimethyl-7benzofuranyl ester.
P190	Metolcarb.
P191	Dimetilan
P191	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester.
P192	Isolan
P192	Carbamic acid, dimethyl-, 3-methyl-1- (1-methylethyl)-1H-pyrazo-5-yl ester.
P194	Ethanimidothioc acid, 2-(dimethylamino)-N-[((methylamino) carbonyl)oxy)-2-oxo-,methyl ester
P194	Oxamyl
P196	Manganese, bis(dimethylcarbamodithioato-S,S')
P196	Manganese dimethyldithiocarbamate
P197	Formparanate
P197	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4[[(methylamino)carbonyl)oxy] phenyl]
P198	Methanimidamide, N,N-dimethyl-N'-[3-[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride
P198	Formetanate hydrochloride
P199	Methiocarb.
P199	Phenol, (3,5-dimethyl-4(methlthio)-, methylcarbamate
P201	Promecarb
P201	Phenol, 3-methyl-5-(1-methylethyl)-,methyl carbamate
P202	Phenol, 3-(1 methylethyl)-, methyl carbamate
P202	3-Isopropylphenyl N-methylcarbamate
P202	m-Cumenyl methylcarbamate
P203	Aldicarb sulfone.
P203	Propanal, 2-methyl-2-(methyl-sulfonyl)-,O-[(methylamino)carbonyl]oxime
P204	Physostigmine
P204	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-trimethylmethylcarbamate (ester), (3aS-cis)

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF – TOXIC WASTES
	(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)
	2,3,4,6-Tetrachlorophenol
	2,4,5-T
	2,4,5-Trichlorophenol
	2,4,6-Trichlorophenol
	Acetic acid, (2,4,5-trichlorophenoxy)-
See	Pentachlorophenol
⇐	Phenol, 2,3,4,6-tetrachloro-
F027	Phenol, 2,4,5-trichloro-
	Phenol, 2,4,6-trichloro-
	Phenol, pentachloro-
	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-
	Silvex (2,4,5-TP)
U001	Acetaldehyde (I)
U001	Ethanal (I)
U002	2-Propanone (I)
U002	Acetone (I)
U003	Acetonitrile (I,T)
U004	Acetophenone
U004	Ethanone, 1-phenyl-
U005	2-Acetylaminofluorene
U005	Acetamide, N-9H-fluoren-2-yl
U006	Acetyl chloride (C,R,T)
U007	2-Propenamide
U007	Acrylamide
U008	2-Propenoic acid (I)
U008	Acrylic acid (I)
U009	2-Propenenitrile
U009	Acrylonitrile
U010	Azirino [2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[(aminocarbonyl)oxy] methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)]-
U010	Mitomycin C
U011	1H-1,2,4-Triazol-3-amine
U011	Amitrole
U012	Aniline (I,T)
U012	Benzenamine (I,T)
U014	Auramine
U014	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-
U015	Azaserine
U015	L-Serine, diazoacetate (ester)
U016	Benz[c]acridine
U017	Benzal chloride
U017	Benzene, (dichloromethyl)-
U018	Benz[a]anthracene
U019	Benzene (I,T)
U020	Benzenesulfonic acid chloride (C,R)
U020	Benzenesulfonyl chloride (C,R)
U021	[1,1'-Biphenyl]-4,4'-diamine
U021	Benzidine
U022	Benzo[a]pyrene

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U023	Benzene, (trichloromethyl)-
U023	Benzotrichloride (C,R,T)
U024	Dichloromethoxy ethane
U024	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
U025	Dichloroethyl ether
U025	Ethane, 1,1'-oxybis[2-chloro-
U026	Chlornaphazin
U026	Naphthalenamine, N,N'-bis(2-chloroethyl)-
U027	Dichloroisopropyl ether
U027	Propane, 2,2'-oxybis[2-chloro-
U028	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
U028	Diethylhexyl phthalate
U029	Methane, bromo-
U029	Methyl bromide
U030	4-Bromophenyl phenyl ether
U030	Benzene, 1-bromo-4-phenoxy-
U031	1-Butanol (I)
U031	n-Butyl alcohol (I)
U032	Calcium chromate
U032	Chromic acid H_2CrO_4, calcium salt
U033	Carbon oxyfluoride (R,T)
U033	Carbonic difluoride
U034	Acetaldehyde, trichloro-
U034	Chloral
U035	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-
U035	Chlorambucil
U036	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
U036	Chlordane, alpha & gamma isomers
U037	Benzene, chloro-
U037	Chlorobenzene
U038	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester
U038	Chlorobenzilate
U039	p-Chloro-m-cresol
U039	Phenol, 4-chloro-3-methyl-
U041	Epichlorohydrin
U041	Oxirane, (chloromethyl)-
U042	2-Chloroethyl vinyl ether
U042	Ethene, (2-chloroethoxy)-
U043	Ethene, chloro-
U043	Vinyl chloride
U044	Chloroform
U044	Methane, trichloro-
U045	Methane, chloro- (I,T)
U045	Methyl chloride (I,T)
U046	Chloromethyl methyl ether
U046	Methane, chloromethoxy-
U047	beta-Chloronaphthalene
U047	Naphthalene, 2-chloro-
U048	o-Chlorophenol
U048	Phenol, 2-chloro-
U049	4-Chloro-o-toluidine, hydrochloride
U049	Benzenamine, 4-chloro-2-methyl-, hydrochloride

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U050	Chrysene
U051	Creosote
U052	Cresol (Cresylic acid)
U052	Phenol, methyl-
U053	2-Butenal
U053	Crotonaldehyde
U055	Benzene, (1-methylethyl)- (I)
U055	Cumene (I)
U056	Benzene, hexahydro- (I)
U056	Cyclohexane (I)
U057	Cyclohexanone (I)
U058	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide
U058	Cyclophosphamide
U059	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-
U059	Daunomycin
U060	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-
U060	DDD
U061	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-
U061	DDT
U062	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester
U062	Diallate
U063	Dibenz[a,h]anthracene
U064	Benzo[rst]pentaphene
U064	Dibenzo[a,i]pyrene
U066	1,2-Dibromo-3-chloropropane
U066	Propane, 1,2-dibromo-3-chloro-
U067	Ethane, 1,2-dibromo-
U067	Ethylene dibromide
U068	Methane, dibromo-
U068	Methylene bromide
U069	1,2-Benzenedicarboxylic acid, dibutyl ester
U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U070	o-Dichlorobenzene
U071	Benzene, 1,3-dichloro-
U071	m-Dichlorobenzene
U072	Benzene, 1,4-dichloro-
U072	p-Dichlorobenzene
U073	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
U073	3,3'-Dichlorobenzidine
U074	1,4-Dichloro-2-butene (I,T)
U074	2-Butene, 1,4-dichloro- (I,T)
U075	Dichlorodifluoromethane
U075	Methane, dichlorodifluoro-
U076	Ethane, 1,1-dichloro-
U076	Ethylidene dichloride
U077	Ethane, 1,2-dichloro-
U077	Ethylene dichloride
U078	1,1-Dichloroethylene
U078	Ethene, 1,1-dichloro-
U079	1,2-Dichloroethylene
U079	Ethene, 1,2-dichloro-,(E)-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U080	Methane, dichloro-
U080	Methylene chloride
U081	2,4-Dichlorophenol
U081	Phenol, 2,4-dichloro-
U082	2,6-Dichlorophenol
U082	Phenol, 2,6-dichloro-
U083	Propane, 1,2-dichloro-
U083	Propylene dichloride
U084	1,3-Dichloropropene
U084	1-Propene, 1,3-dichloro-
U085	1,2:3,4-Diepoxybutane (I,T)
U085	2,2'-Bioxirane
U086	Hydrazine, 1,2-diethyl-
U086	N,N'-Diethylhydrazine
U087	O,O-Diethyl S-methyl dithiophosphate
U087	Phosphorodithioic acid, O,O-diethyl S-methyl ester
U088	1,2-Benzenedicarboxylic acid, diethyl ester
U088	Diethyl phthalate
U089	Diethylstilbesterol
U089	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis, (E)-
U090	1,3-Benzodioxole, 5-propyl-
U090	Dihydrosafrole
U091	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
U091	3,3'-Dimethoxybenzidine
U092	Dimethylamine (I)
U092	Methanamine, N-methyl- (I)
U093	Benzenamine, N,N-dimethyl-4-(phenylazo)-
U093	p-Dimethylaminoazobenzene
U094	7,12-Dimethylbenz[a]anthracene
U094	Benz[a]anthracene, 7,12-dimethyl-
U095	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
U095	3,3'-Dimethylbenzidine
U096	alpha,alpha-Dimethylbenzylhydroperoxide (R)
U096	Hydroperoxide, 1-methyl-1-phenylethyl- (R)
U097	Carbamic chloride, dimethyl-
U097	Dimethylcarbamoyl chloride
U098	1,1-Dimethylhydrazine
U098	Hydrazine, 1,1-dimethyl-
U099	1,2-Dimethylhydrazine
U099	Hydrazine, 1,2-diphenyl-
U101	2,4-Dimethylphenol
U101	Phenol, 2,4-dimethyl-
U102	1,2-Benzenedicarboxylic acid, dimethyl ester
U102	Dimethyl phthalate
U103	Dimethyl sulfate
U103	Sulfuric acid, dimethyl ester
U105	2,4-Dinitrotoluene
U105	Benzene, 1-methyl-2,4-dinitro-
U106	2,6-Dinitrotoluene
U106	Benzene, 2-methyl-1,3-dinitro-
U107	1,2-Benzenedicarboxylic acid, dioctyl ester
U107	Di-n-octyl phthalate
U108	1,4-Diethyleneoxide
U108	1,4-Dioxane
U109	1,2-Diphenylhydrazine

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description	Code	Waste description
U109	Hydrazine, 1,2-diphenyl-	U124	Furfuran (I)
U110	1-Propanimine, N-propyl-(I)	U125	2-Furancarboxaldehyde (I)
U110	Dipropylamine (I)	U125	Furfural (I)
U111	1-Propanamine, N-nitroso-N-propyl-	U126	Glycidylaldehyde
U111	Di-n-propylnitrosamine	U126	Oxiranecarboxyaldehyde
U112	Acetic acid, ethyl ester (I)	U127	Benzene, hexachloro-
U112	Ethyl acetate (I)	U127	Hexachlorobenzene
U113	2-Propenoic acid, ethyl ester (I)	U128	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
U113	Ethyl acrylate (I)	U128	Hexachlorobutadiene
U114	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters	U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-
U114	Ethylenebisdithiocarbamic acid, salts & esters	U129	Lindane
U115	Ethylene oxide (I,T)	U130	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
U115	Oxirane (I,T)	U130	Hexachlorocyclopentadiene
U116	2-Imidazolidinethione	U131	Ethane, hexachloro-
U116	Ethylenethiourea	U131	Hexachloroethane
U117	Ethane, 1,1'-oxybis-(I)	U132	Hexachlorophene
U117	Ethyl ether (I)	U132	Phenol, 2,2'-methylenebis[3,4,6-trichloro-
U118	2-Propenoic acid, 2-methyl-, ethyl ester	U133	Hydrazine (R,T)
U118	Ethyl methacrylate	U134	Hydrofluoric acid (C,T)
U119	Ethyl methanesulfonate	U134	Hydrogen fluoride (C,T)
U119	Methanesulfonic acid, ethyl ester	U135	Hydrogen sulfide
U120	Fluoranthene	U135	Hydrogen sulfide H_2S
U121	Methane, trichlorofluoro-	U136	Arsinic acid, dimethyl-
U121	Trichloromonofluoromethane	U136	Cacodylic acid
U122	Formaldehyde	U137	Indeno[1,2,3-cd]pyrene
U123	Formic acid (C,T)	U138	Methane, iodo-
U124	Furan (I)	U138	Methyl iodide

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U140	1-Propanol, 2-methyl- (I,T)
U140	Isobutyl alcohol (I,T)
U141	1,3-Benzodioxole, 5-(1-propenyl)-
U141	Isosafrole
U142	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-
U142	Kepone
U143	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*), 7aalpha]]-
U143	Lasiocarpine
U144	Acetic acid, lead(2+) salt
U144	Lead acetate
U145	Lead phosphate
U145	Phosphoric acid, lead(2+) salt (2:3)
U146	Lead subacetate
U146	Lead, bis(acetato-O)tetrahydroxytri-
U147	2,5-Furandione
U147	Maleic anhydride
U148	3,6-Pyridazinedione, 1,2-dihydro-
U148	Maleic hydrazide
U149	Malononitrile
U149	Propanedinitrile
U150	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-
U150	Melphalan
U151	Mercury
U152	2-Propenenitrile, 2-methyl- (I,T)
U152	Methacrylonitrile (I,T)
U153	Methanethiol (I,T)
U153	Thiomethanol (I,T)
U154	Methanol (I)
U154	Methyl alcohol (I)
U155	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
U155	Methapyrilene
U156	Carbonochloridic acid, methyl ester, (I,T)
U156	Methyl chlorocarbonate (I,T)
U157	3-Methylcholanthrene
U157	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
U158	4,4'-Methylenebis(2-chloroaniline)
U158	Benzenamine, 4,4'-methylenebis[2-chloro-
U159	2-Butanone (I,T)
U159	Methyl ethyl ketone (MEK) (I,T)
U160	2-Butanone, peroxide (R,T)
U160	Methyl ethyl ketone peroxide (R,T)
U161	4-Methyl-2-pentanone (I)
U161	Methyl isobutyl ketone (I)
U161	Pentanol, 4-methyl-
U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T)
U162	Methyl methacrylate (I,T)
U163	Guanidine, N-methyl-N'-nitro-N-nitroso-
U163	MNNG
U164	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
U164	Methylthiouracil
U165	Naphthalene
U166	1,4-Naphthalenedione

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U166	1,4-Naphthoquinone
U167	1-Napthalenamine
U167	alpha-Naphthylamine
U168	2-Napthalenamine
U168	beta-Naphthylamine
U169	Benzene, nitro-
U169	Nitrobenzene (I,T)
U170	p-Nitrophenol (I,T)
U170	Phenol, 4-nitro-
U171	2-Nitropropane (I,T)
U171	Propane, 2-nitro- (I,T)
U172	1-Butanamine, N-butyl-N-nitroso-
U172	N-Nitrosodi-n-butylamine
U173	Ethanol, 2,2'-(nitrosoimino)bis-
U173	N-Nitrosodiethanolamine
U174	Ethanamine, N-ethyl-N-nitroso-
U174	N-Nitrosodiethylamine
U176	N-Nitroso-N-ethylurea
U176	Urea, N-ethyl-N-nitroso-
U177	N-Nitroso-N-methylurea
U177	Urea, N-methyl-N-nitroso-
U178	Carbamic acid, methylnitroso-, ethyl ester
U178	N-Nitroso-N-methylurethane
U179	N-Nitrosopiperidine
U179	Piperidine, 1-nitroso-
U180	N-Nitrosopyrrolidine
U180	Pyrrolidine, 1-nitroso-
U181	5-Nitro-o-toluidine
U181	Benzenamine, 2-methyl-5-nitro
U182	1,3,5-Trioxane, 2,4,6-trimethyl-
U182	Paraldehyde
U183	Benzene, pentachloro-
U183	Pentachlorobenzene
U184	Ethane, pentachloro-
U184	Pentachloroethane
U185	Benzene, pentachloronitro-
U185	Pentachloronitrobenzene (PCNB)
U186	1,3-Pentadiene (I)
U186	1-Methylbutadiene (I)
U187	Acetamide, N-(4-ethoxyphenyl)-
U187	Phenacetin
U188	Phenol
U189	Phosphorus sulfide (R)
U189	Sulfur phosphide (R)
U190	1,3-Isobenzofurandione
U190	Phthalic anhydride
U191	2-Picoline
U191	Pyridine, 2-methyl-
U192	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
U192	Pronamide
U193	1,2-Oxathiolane, 2,2-dioxide
U193	1,3-Propane sultone
U194	1-Propanamine (I,T)
U194	n-Propylamine (I,T)
U196	Pyridine

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U197	2,5-Cyclohexadiene-1,4-dione
U197	p-Benzoquinone
U200	Reserpine
U200	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl) oxy]-, methyl ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-
U201	1,3-Benzenediol
U201	Resorcinol
U202	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts
U202	Saccharin, & salts
U203	1,3-Benzodioxole, 5-(2-propenyl)-
U203	Safrole
U204	Selenious acid
U204	Selenium dioxide
U205	Selenium sulfide
U205	Selenium sulfide SeS_2 (R,T)
U206	D-Glucose, 2-deoxy-2-[[(methylnitrosoamino)-carbonyl]amino]-
U206	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-,D-
U206	Streptozotocin
U207	1,2,4,5-Tetrachlorobenzene
U207	Benzene, 1,2,4,5-tetrachloro-
U208	1,1,1,2-Tetrachloroethane
U208	Ethane, 1,1,1,2-tetrachloro-
U209	1,1,2,2-Tetrachloroethane
U209	Ethane, 1,1,2,2-tetrachloro-
U210	Ethene, tetrachloro-
U210	Tetrachloroethylene
U211	Carbon tetrachloride
U211	Methane, tetrachloro-
U213	Furan, tetrahydro-(I)
U213	Tetrahydrofuran (I)
U214	Acetic acid, thallium(1+) salt
U214	Thallium(I) acetate
U215	Carbonic acid, dithallium(1+) salt
U215	Thallium(I) carbonate
U216	Thallium chloride Tlcl
U216	Thallium(I) chloride
U217	Nitric acid, thallium(1+) salt
U217	Thallium(I) nitrate
U218	Ethanethioamide
U218	Thioacetamide
U219	Thiourea
U220	Benzene, methyl-
U220	Toluene
U221	Benzenediamine, ar-methyl-
U221	Toluenediamine
U222	Benzenamine, 2-methyl-, hydrochloride
U222	o-Toluidine hydrochloride
U223	Benzene, 1,3-diisocyanatomethyl- (R,T)
U223	Toluene diisocyanate (R,T)
U225	Bromoform
U225	Methane, tribromo-
U226	Ethane, 1,1,1-trichloro-
U226	Methyl chloroform
U227	1,1,2-Trichloroethane

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U227	Ethane, 1,1,2-trichloro-
U228	Ethene, trichloro-
U228	Trichloroethylene
U234	1,3,5-Trinitrobenzene (R,T)
U234	Benzene, 1,3,5-trinitro-
U235	1-Propanol, 2,3-dibromo-, phosphate (3:1)
U235	Tris(2,3,-dibromopropyl) phosphate
U236	2,7-Naphthalenedisulfonic acid,3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt
U236	Trypan blue
U237	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-
U237	Uracil mustard
U238	Carbamic acid, ethyl ester
U238	Ethyl carbamate (urethane)
U239	Benzene, dimethyl- (I,T)
U239	Xylene (I)
U240	2,4-D, salts & esters
U240	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters
U240	Dichlorophenoxyacetic acid 2,4-D
U243	1-Propene, 1,1,2,3,3,3-hexachloro-
U243	Hexachloropropene
U244	Thioperoxydicarbonic diamide $[(H_2N)C(S)]_2S_2$, tetramethyl-
U244	Thiram
U246	Cyanogen bromide (CN)Br
U247	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-
U247	Methoxychlor
U248	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less
U248	Warfarin, & salts, when present at concentrations of 0.3% or less
U249	Zinc phosphide Zn_3P_2, when present at concentrations of 10% or less
U328	Benzenamine, 2-methyl-
U328	o-Toluidine
U353	Benzenamine, 4-methyl-
U353	p-Toluidine
U359	Ethanol, 2-ethoxy-
U359	Ethylene glycol monoethyl ether
U364	1,3-Benzodioxol-4ol, 2,2-dimethyl
U364	Bendiocarb phenol.
U367	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-
U367	Carbofuran phenol
U372	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester.
U372	Carbendazim
U373	Carbamic acid, phenyl-, 1-methylethyl ester
U373	Propham
U387	Carbamothiocic acid, dipropyl-, S-(phenylmethyl) ester.
U387	Prosulfocarb.
U389	Triallate
U389	Carbamothiocic acid, bis (1-methylethyl)-, S-(2,3,3-trichloro-2propenyl) ester.
U394	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo, methyl ester
U394	A2213
U395	Diethylene glycol, dicarbamate

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description	Code	Waste description
U395	Ethanol, 2, 2;-oxybis-,dicarbamate		
U404	Ethanamine, N, N-diethyl-		
U404	Triethylamine		
U409	Thiophanate-methyl		
U409	Carbamic acid, (1,2-phenylenebis (iminocarbonothioyl)]bis-, dimethyl ester.		
U410	Ethanimidothioci acid, N, N'-(thiobis[(methylimino)carbonyloxy])bis-, dimethyl ester		
U411	Propoxur		
U411	Phenol, 2-(-1-methylethoxy)-, methylcarbamate		

AGRICULTURE

AGRICULTURAL PRODUCTION – CROPS

0111 Wheat
0112 Rice
0115 Corn
0116 Soybeans
0119 Cash grains, nec
0131 Cotton
0132 Tobacco
0133 Sugar cane and sugar beets
0134 Irish potatoes
0139 Field crops, except cash grains, nec
0161 Vegetables and melons
0171 Berry crops
0172 Grapes
0173 Tree nuts
0174 Citrus fruits
0175 Deciduous tree fruits
0179 Fruits and tree nuts, nec
0181 Ornamental floriculture and nursery products
0182 Food crops grown under cover
0191 General farms, primarily crops

AGRICULTURAL PRODUCTION – LIVESTOCK

0211 Beef cattle feedlots
0212 Beef cattle, except feedlots
0213 Hogs
0214 Sheep and goats
0219 General livestock, except dairy and poultry
0241 Dairy farms
0251 Broiler, fryer, and roaster chickens
0252 Chicken eggs
0253 Turkeys and turkey eggs
0254 Poultry hatcheries
0259 Poultry and eggs, nec
0271 Fur-bearing animals and rabbits
0272 Horses and other equines
0273 Animal aquaculture
0279 Animal specialties, nec
0291 General farms, primarily livestock and animal specialities

AGRICULTURAL SERVICES

0711 Soil preparation services
0721 Crop planting, cultivating, and protecting
0722 Crop harvesting, primarily by machine
0723 Crop preparation services for market, except cotton ginning
0724 Cotton ginning
0741 Veterinary services for livestock
0742 Veterinary services for animal specialties
0751 Livestock services, except veterinary
0752 Animal specialty services, except veterinary
0761 Farm labor contractors and crew leaders
0762 Farm management services
0781 Landscape counseling and planning
0782 Lawn and garden services
0783 Ornamental shrub and tree services

FORESTRY

0811 Timber tracts
0831 Forest nurseries and gathering of forest products
0851 Forestry services

FISHING, HUNTING, AND TRAPPING

0912 Finfish
0913 Shellfish
0919 Miscellaneous marine products
0921 Fish hatcheries and preserves
0971 Hunting, trapping, game and propagation

MINING

METAL MINING

1011 Iron ores
1021 Copper ores
1031 Lead and zinc ores
1041 Gold ores
1044 Silver ores
1061 Ferroalloy ores, except vanadium
1081 Metal mining services
1094 Uranium-radium-vanadium ores
1099 Metal ores, nec

COAL MINING

1221 Bituminous coal and lignite surface mining
1222 Bituminous coal underground mining
1231 Anthracite mining
1241 Coal mining services

OIL AND GAS EXTRACTION

1311 Crude petroleum and natural gas
1321 Natural gas liquids
1381 Drilling oil and gas wells
1382 Oil and gas field exploration services
1389 Oil and gas field services, nec

NONMETALLIC MINERALS, EXCEPT FUELS

1411 Dimension stone
1422 Crushed and broken limestone
1423 Crushed and broken granite
1429 Crushed and broken stone, nec
1442 Construction sand and gravel
1446 Industrial sand
1455 Kaolin and ball clay
1459 Clay, ceramic, and refractory minerals, nec
1474 Potash, soda, and borate minerals
1475 Phosphate rock
1479 Chemical and fertilizer mineral mining, nec
1481 Nonmetallic minerals services, except fuels
1499 Miscellaneous nonmetallic minerals, except fuels, nec

CONSTRUCTION

GENERAL BUILDING CONTRACTORS

1521 Single-family houses
1522 Residential building construction, nec
1531 Operative builders
1541 Industrial buildings and warehouses
1542 Nonresidential building construction, nec

HEAVY CONSTRUCTION, EXCLUDING BUILDINGS

1611 Highway and street construction, except elevated highway
1622 Bridge, tunnel, and elevated highway
1623 Water, sewer, and utility lines
1629 Heavy construction, nec

SPECIAL TRADE CONTRACTORS

1711 Plumbing, heating, air conditioning
1721 Painting and paper hanging
1731 Electrical work
1741 Masonry, stone setting, and other stonework
1742 Plastering, drywall, acoustical and insulation work
1743 Terrazzo, tile, marble, mosaic work
1751 Carpentry work
1752 Floor laying and floor work, nec
1761 Roofing, siding, and sheet metal work
1771 Concrete work
1781 Water well drilling
1791 Structural steel erection
1793 Glass and glazing work
1794 Excavation work
1795 Wrecking and demolition work
1796 Installing building equipment, nec
1799 Special trade contractors, nec

MANUFACTURING

FOOD AND KINDRED PRODUCTS

2011 Meat packing plants
2013 Sausages and other prepared meats
2015 Poultry slaughtering and processing
2021 Creamery butter

Note: nec = not elsewhere classified.

SIC CODES

(Continued)

SIC Code	Industry
2022	Natural, processed, and imitation cheese
2023	Dry, condensed, evaporated dairy products
2024	Ice cream and frozen desserts
2026	Fluid milk
2032	Canned specialties
2033	Canned fruits, vegetables, preserves, jams, and jellies
2034	Dried and dehydrated fruits, vegetables, and soup mixes
2035	Pickled fruits and vegetables, sauces, and salad dressings
2037	Frozen fruits, fruit juices, and vegetables
2038	Frozen specialties, nec
2041	Flour and other grain mill products
2043	Cereal breakfast foods
2044	Rice milling
2045	Prepared flour mixes and doughs
2046	Wet corn milling
2047	Dog and cat food
2048	Prepared feed and feed ingredients for animals and fowl, nec
2051	Bread and other bakery products, except cookies and crackers
2052	Cookies and crackers
2053	Frozen bakery products, except bread
2061	Raw cane sugar
2062	Cane sugar refining
2063	Beet sugar
2064	Candy and other confectionery products
2066	Chocolate and cocoa products
2067	Chewing gum
2068	Salted and roasted nuts and seeds
2074	Cottonseed oil mills
2075	Soybean oil mills
2076	Vegetable oil mills, nec
2077	Animal and marine fats and oils
2079	Edible fats and oils, nec
2082	Malt beverages
2083	Malt
2084	Wines, brandy, and brandy spirits
2085	Distilled and blended liquors
2086	Bottled and canned soft drinks and carbonated waters
2087	Flavoring extracts and syrups, nec
2091	Canned and cured fish and seafood
2092	Fresh or frozen prepared fish
2095	Roasted coffee
2096	Potato chips and similar snacks
2097	Manufactured ice
2098	Macaroni, spaghetti, related products
2099	Food preparations, nec
	TOBACCO PRODUCTS
2111	Cigarettes
2121	Cigars
2131	Chewing and smoking tobacco
2141	Tobacco stemming and redrying
	TEXTILE MILL PRODUCTS
2211	Broadwoven fabric mills, cotton
2221	Broadwoven fabric mills, man-made
2231	Broadwoven fabric mills, wool
2241	Narrow fabric and other smallware mills
2251	Women's hosiery, except socks
2252	Hosiery, nec
2253	Knit outerwear mills
2254	Knit underwear and nightwear mills
2257	Weft knit fabric mills
2258	Lace and warp knit fabric mills
2259	Knitting mills, nec
2261	Finishing plants, cotton fabric
2262	Finishing plants, man-made fabric
2269	Textile finishing plants, nec
2273	Carpets and rugs
2281	Yarn spinning mills
2282	Yarn texturizing, throwing, twisting, and winding mills
2284	Thread mills
2295	Coated fabrics, not rubberized
2296	Tire cord and fabrics
2297	Nonwoven fabrics
2298	Cordage and twine
2299	Textile goods, nec
	APPAREL AND OTHER TEXTILE PRODUCTS
2311	Men's and boys' suits, coats, and overcoats
2321	Men's and boys' shirts, except work shirts
2322	Men's and boys' underwear and nightwear
2323	Men's and boys' neckwear
2325	Men's and boys' trousers and slacks
2326	Men's and boys' work clothing
2329	Men's and boys' clothing, nec
2331	Women's, misses' and juniors' blouses and shirts
2335	Women's, misses', and juniors' dresses
2337	Women's misses', and juniors' suits, skirts, and coats
2339	Women's, misses' and juniors' outerwear, nec
2341	Women's, misses', children's, and infants' underwear and nightwear
2342	Brassieres, girdles, and allied garments
2353	Hats, caps, and millinery
2361	Girls', children's' and infants' dresses, blouses, and shirts
2369	Girls', children's, and infants' outerwear, nec
2371	Fur goods
2381	Fabric dress and work gloves
2384	Robes and dressing gowns
2385	Waterproof outerwear
2386	Leather and sheep-lined clothing
2387	Apparel belts
2389	Apparel and accessories, nec
2391	Curtains and draperies
2392	House furnishings, nec
2393	Textile bags
2394	Canvas and related products
2395	Pleating, stitching, and tucking for trade
2396	Automotive trimmings, apparel findings, and related products
2397	Schiffli machine embroideries
2399	Fabricated textile products, nec
	LUMBER AND WOOD PRODUCTS
2411	Logging
2421	Sawmills and planing mills, general
2426	Hardwood dimension and flooring mills
2429	Special product sawmills, nec
2431	Millwork
2434	Wood kitchen cabinets
2435	Hardwood veneer and plywood
2436	Softwood veneer and plywood
2439	Structural wood members, nec
2441	Nailed and lock corner wood boxes and shook
2448	Wood pallets and skids
2449	Wood containers, nec
2451	Mobile homes
2452	Prefabricated wood buildings and components
2491	Wood preserving
2493	Reconstituted wood products
2499	Wood products, nec
	FURNITURE AND FIXTURES
2511	Wood household furniture, except upholstered
2512	Upholstered household furniture
2514	Metal household furniture
2515	Mattresses, foundations, and convertible beds
2517	Wood TV, radio, phonograph, and sewing machine cabinets
2519	Household furniture, nec
2521	Wood office furniture
2522	Office furniture, except wood
2531	Public building and related furniture
2541	Wood partitions and fixtures
2542	Partitions and fixtures, except wood
2591	Drapery hardware and window blinds and shades
2599	Furniture and fixtures, nec
	PAPER AND ALLIED PRODUCTS
2611	Pulp mills
2621	Paper mills
2631	Paperboard mills

Note: nec = not elsewhere classified.

SIC CODES

(Continued)

SIC Code	Industry
2652	Set-up paperboard boxes
2653	Corrugated and solid fiber boxes
2655	Fiber cans, tubes, drums, and similar products
2656	Sanitary food containers, except folding
2657	Folding paperboard boxes, including sanitary
2671	Packaging paper and plastics film, coated and laminated
2672	Coated and laminated paper, nec
2673	Plastics, foil, and coated paper bags
2674	Uncoated paper and multiwall bags
2675	Die-cut paper and paperboard
2676	Sanitary paper products
2677	Envelopes
2678	Stationery and related products
2679	Converted paper products, nec
	PRINTING AND PUBLISHING
2711	Newspapers: publishing, or publishing and printing
2721	Periodicals: publishing, or publishing and printing
2731	Books: publishing, or publishing and printing
2732	Book printing
2741	Miscellaneous publishing
2752	Commercial printing, lithographic
2754	Commercial printing, gravure
2759	Commercial printing, nec
2761	Manifold business forms
2771	Greeting cards
2782	Blankbooks and looseleaf binders
2789	Bookbinding and related work
2791	Typesetting
2796	Platemaking and related services
	CHEMICALS AND ALLIED PRODUCTS
2812	Alkalies and chlorine
2813	Industrial gases
2816	Inorganic pigments
2819	Industrial inorganic chemicals, nec
2821	Plastics materials and resins
2822	Synthetic rubber
2823	Cellulosic man-made fibers
2824	Man-made organic fibers, except cellulosic
2833	Medicinal chemicals and botanical products
2834	Pharmaceutical preparations
2835	In vitro and in vivo diagnostic substances
2836	Biological products, except diagnostic
2841	Soap and other detergents, except specialty cleaning
2842	Specialty cleaners, polishes, and sanitation preparations
2843	Surface active agents and related products
2844	Perfumes, cosmetics, and other toilet preparations
2851	Paints and allied products
2861	Gum and wood chemicals
2865	Cyclic organic crudes, intermediates, dyes and pigments
2869	Industrial organic chemicals, nec
2873	Nitrogenous fertilizers
2874	Phosphatic fertilizers
2875	Fertilizers, mixing only
2879	Pesticides and agricultural chemicals, nec
2891	Adhesives and sealants
2892	Explosives
2893	Printing ink
2895	Carbon black
2899	Chemical preparations, nec
	PETROLEUM AND COAL PRODUCTS
2911	Petroleum refining
2951	Asphalt paving mixtures and blocks
2952	Asphalt felts and coatings
2992	Lubricating oils and greases
2999	Petroleum and coal products, nec
	RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS
3011	Tires and inner tubes
3021	Rubber and plastics footwear
3052	Rubber and plastics hose and belting
3053	Gaskets, packing and sealing devices
3061	Mechanical rubber goods
3069	Fabricated rubber products, nec
3081	Unsupported plastics film and sheet
3082	Unsupported plastics, profile shapes
3083	Laminated plastics plate, sheet, and profile shapes
3084	Plastics, pipe
3085	Plastics, bottles
3086	Plastics, foam products
3087	Custom compounding of purchased plastic resins
3088	Plastics, plumbing fixtures
3089	Plastics products, nec
	LEATHER AND LEATHER PRODUCTS
3111	Leather tanning and finishing
3131	Footwear, cut stock and findings
3142	House slippers
3143	Men's footwear, except athletic
3144	Women's footwear, except athletic
3149	Footwear, except rubber, nec
3151	Leather gloves and mittens
3161	Luggage
3171	Women's handbags and purses
3172	Personal leather goods, nec
3199	Leather goods, nec
	STONE, CLAY, AND GLASS PRODUCTS
3211	Flat glass
3221	Glass containers
3229	Pressed and blown glass, nec
3231	Products made of purchased glass
3241	Cement, hydraulic
3251	Brick and structural clay tile
3253	Ceramic wall and floor tile
3255	Clay refractories
3259	Structural clay products, nec
3261	Vitreous china plumbing fixtures, china and earthenware fittings and bathroom accessories
3262	Vitreous china table and kitchenware
3263	Fine earthenware (whiteware) table and kitchenware
3264	Porcelain electrical supplies
3269	Pottery products, nec
3271	Concrete block and brick
3272	Concrete products, nec
3273	Ready-mixed concrete
3274	Lime
3275	Gypsum products
3281	Cut stone and stone products
3291	Abrasive products
3292	Asbestos products
3295	Minerals and earths, ground or otherwise treated
3296	Mineral wool
3297	Nonclay refractories
3299	Nonmetallic mineral products, nec
	PRIMARY METAL INDUSTRIES
3312	Steel works, blast furnaces, and rolling mills
3313	Electrometallurgical products, except steel
3315	Steel wire and related products
3316	Cold finishing of steel shapes
3317	Steel pipe and tubes
3321	Gray and ductile iron foundries
3322	Malleable iron foundries
3324	Steel investment foundries
3325	Steel foundries, nec
3331	Primary copper smelting and refining
3334	Primary aluminum production
3339	Primary smelting and refining of nonferrous metals, nec
3341	Secondary smelting and refining of nonferrous metals
3351	Copper rolling, drawing, extruding
3353	Aluminum sheet, plate, and foil
3354	Aluminum extruded products
3355	Aluminum rolling and drawing, nec
3356	Nonferrous rolling, drawing, and extruding, nec
3357	Nonferrous wire drawing and insulating
3363	Aluminum die-castings

Note: nec = not elsewhere classified.

SIC CODES

(Continued)

SIC Code	Industry
3364	Nonferrous die-castings, except aluminum
3365	Aluminum foundries
3366	Copper foundries
3369	Nonferrous foundries, nec
3398	Metal heat treating
3399	Primary metal products, nec
	FABRICATED METAL PRODUCTS
3411	Metal cans
3412	Metal barrels, drums, and pails
3421	Cutlery
3423	Hand and edge tools, nec
3425	Saw blades and handsaws
3429	Hardware, nec
3431	Enameled iron and metal sanitary ware
3432	Plumbing fixture fittings and trim
3433	Heating equipment, except electric and warm air furnaces
3441	Fabricated structural metal
3442	Metal doors, sash, and trim
3443	Fabricated plate work (boiler shops)
3444	Sheet metal work
3446	Architectural and ornamental metal work
3448	Prefabricated metal buildings and components
3449	Miscellaneous structural metal work
3451	Screw machine products
3452	Bolts, nuts, screws, rivets, and washers
3462	Iron and steel forgings
3463	Nonferrous forgings
3465	Automotive stampings
3466	Crowns and closures
3469	Metal stampings, nec
3471	Plating and polishing
3479	Metal coating and allied services
3482	Small arms ammunition
3483	Ammunition, nec
3484	Small arms
3489	Ordnance and accessories, nec
3491	Industrial valves
3492	Fluid power valves and hose fittings
3493	Steel springs, except wire
3494	Valves and pipe fittings, nec
3495	Wire springs
3496	Miscellaneous fabricated wire products
3497	Metal foil and leaf
3498	Fabricated pipe and fittings
3499	Fabricated metal products, nec
	INDUSTRIAL MACHINERY AND EQUIPMENT
3511	Turbines and turbine generator sets
3519	Internal combustion engines, nec
3523	Farm machinery and equipment
3524	Lawn and garden equipment
3531	Construction machinery
3532	Mining machinery
3533	Oil and gas field machinery
3534	Elevators and moving stairways
3535	Conveyors and conveying equipment
3536	Hoists, cranes, and monorails
3537	Industrial trucks, tractors, trailers, and stackers
3541	Machine tools, metal cutting types
3542	Machine tools, metal forming types
3543	Industrial patterns
3544	Special dies, tools, jigs and fixtures, and industrial molds
3545	Cutting tools and machine tool accessories
3546	Power driven hand tools
3547	Rolling mill machinery
3548	Welding and soldering equipment
3549	Metalworking machinery, nec
3552	Textile machinery
3553	Woodworking machinery
3554	Paper industries machinery
3555	Printing trades machinery
3556	Food products machinery
3559	Special industry machinery, nec
3561	Pumps and pumping equipment
3562	Ball and roller bearings
3563	Air and gas compressors
3564	Blowers, fans, and air purification equipments
3565	Packaging machinery
3566	Speed changers, drives, and gears
3567	Industrial furnaces and ovens
3568	Power transmission equipment, nec
3569	General industrial machinery, nec
3571	Electronic computers
3572	Computer storage devices
3575	Computer terminals
3577	Computer peripheral equipment, nec
3578	Calculating and accounting machines except electric computers
3579	Office machines, nec
3581	Automatic vending machines
3582	Commercial laundry equipment
3585	Refrigeration and heating equipment
3586	Measuring and dispensing pumps
3589	Service industry machinery, nec
3592	Carburetors, pistons, rings, valves
3593	Fluid power cylinders and actuators
3594	Fluid power pumps and motors
3596	Scales and balances, except laboratory
3599	Industrial and commercial machinery and equipment, nec
	ELECTRONIC AND OTHER ELECTRIC EQUIPMENT
3612	Power, distribution, and specialty transformers
3613	Switchgear and switchboard apparatus
3621	Motors and generators
3624	Carbon and graphite products
3625	Relays and industrial controls
3629	Electrical industrial apparatus, nec
3631	Household cooking equipment
3632	Household refrigerators and freezers
3633	Household laundry equipment
3634	Electric housewares and fans
3635	Household vacuum cleaners
3639	Household appliances, nec
3641	Electric lamp bulbs and tubes
3643	Current-carrying wiring devices
3644	Noncurrent-carrying wiring devices
3645	Residential electric lighting fixtures
3646	Commercial, industrial, and institutional electric lighting fixtures
3647	Vehicular lighting equipment
3648	Lighting equipment, nec
3651	Household audio and video equipment
3652	Prerecorded records, tapes, disks
3661	Telephone and telegraph apparatus
3663	Radio and TV communication equipment
3669	Communications equipment, nec
3671	Electron tubes
3672	Printed circuit boards
3674	Semiconductors and related devices
3675	Electronic capacitors
3676	Electronic resistors
3677	Electronic coils, transformers, and other inductors
3678	Electronic connectors
3679	Electronic components, nec
3691	Storage batteries
3692	Primary batteries, dry and wet
3694	Combustion engine electrical equipment
3695	Magnetic and optical recording media
3699	Electrical machinery, equipment and supplies, nec
	TRANSPORTATION EQUIPMENT
3711	Motor vehicles and passenger car bodies
3713	Truck and bus bodies
3714	Motor vehicle parts and accessories
3715	Truck trailers
3716	Motor homes
3721	Aircraft
3724	Aircraft engines and engine parts
3728	Aircraft parts and equipment, nec
3731	Ship building and repairing
3732	Boat building and repairing
3743	Railroad equipment
3751	Motorcycles, bicycles, and parts

Note: nec = not elsewhere classified.

SIC Code	Industry
3761	Guided missiles and space vehicles
3764	Missile and space vehicle propulsion units and parts
3769	Missile and space vehicle equipment, nec
3792	Travel trailers and campers
3795	Tanks and tank components
3799	Transportation equipment, nec
	INSTRUMENTS AND RELATED PRODUCTS
3812	Search, navigation, and related equipment
3821	Laboratory apparatus and furniture
3822	Automatic environmental and appliance controls
3823	Process control and related instruments
3824	Fluid meters and counting devices
3825	Instruments to measure electricity
3826	Laboratory analytical instruments
3827	Optical instruments and lenses
3829	Measuring and controlling devices, nec
3841	Surgical and medical instruments
3842	Orthopedic, prosthetic, and surgical appliances and supplies
3843	Dental equipment and supplies
3844	X-ray apparatus and tubes
3845	Electromedical equipment
3851	Ophthalmic goods
3861	Photographic equipment and supplies
3873	Watches, clocks, and parts
	MISCELLANEOUS MANUFACTURING INDUSTRIES
3911	Jewelry, precious metal
3914	Silverware and plated ware
3915	Jewelers' materials and lapidary work
3931	Musical instruments
3942	Dolls and stuffed toys
3944	Games, toys, and children's vehicles
3949	Sporting and athletic goods, nec
3951	Pens and mechanical pencils
3952	Lead pencils, crayons, and artist's materials
3953	Marking devices
3955	Carbon paper and inked ribbons
3961	Costume jewelry and novelties
3965	Fasteners, buttons, needles, and pins
3991	Brooms and brushes
3993	Signs and advertising specialties
3995	Burial caskets
3996	Hard surface floor coverings, nec
3999	Manufacturing industries, nec

TRANSPORTATION AND UTILITIES

SIC Code	Industry
	RAILROAD TRANSPORTATION
4011	Railroads, line-haul operating
4013	Switching and terminal devices
	LOCAL AND INTERURBAN PASSENGER TRANSIT
4111	Local and suburban transit
4119	Local passenger transportation, nec
4121	Taxicabs
4131	Intercity and rural bus transportation
4141	Local bus charter service
4142	Bus charter service, except local
4151	School buses
4173	Terminal and service facilities for motor vehicle passenger transport
	TRUCKING AND WAREHOUSING
4212	Local trucking, without storage
4213	Trucking, except local
4214	Local trucking with storage
4215	Courier services, except by air
4221	Farm product warehousing and storage
4222	Refrigerated warehousing and storage
4225	General warehousing and storage
4226	Special warehousing and storage, nec
4231	Motor freight terminal facilities
	U.S. POSTAL SERVICE
4311	U.S. Postal Service
	WATER TRANSPORTATION
4412	Deep sea foreign transportation of freight
4424	Deep sea domestic transportation of freight
4432	Freight transportation on the Great Lakes
4449	Water transportation of freight, nec
4481	Deep sea passenger transportation, except by ferry
4482	Ferries
4489	Water passenger transportation, nec
4491	Marine cargo handling
4492	Towing and tugboat service
4493	Marinas
4499	Water transportation services, nec
	TRANSPORTATION BY AIR
4512	Air transportation, scheduled
4513	Air courier services
4522	Air transportation, nonscheduled
4581	Airports, flying fields, and terminal services
	PIPELINES, EXCEPT NATURAL GAS
4612	Crude petroleum pipelines
4613	Refined petroleum pipelines
4619	Pipelines, nec
	TRANSPORTATION SERVICES
4724	Travel agencies
4725	Tour operators
4729	Passenger transportation arrangement, nec
4731	Freight and cargo transportation arrangement
4741	Rental of railroad cars
4783	Packing and crating
4785	Fixed facilities and inspection and weighing services
4789	Transportation services, nec
	COMMUNICATIONS
4812	Radiotelephone communications
4813	Telephone communications, except radiotelephone
4822	Telegraph and other message communications
4832	Radio broadcasting stations
4833	Television broadcasting stations
4841	Cable and other pay TV services
4899	Communication services, nec
	ELECTRIC, GAS, AND SANITARY SERVICES
4911	Electric services
4922	Natural gas transmission
4923	Gas transmission and distribution
4924	Natural gas distribution
4925	Gas production and/or distribution
4931	Electric and other services combined
4932	Gas and other services combined
4939	Combination utilities, nec
4941	Water supply
4952	Sewerage systems
4953	Refuse systems
4959	Sanitary services, nec
4961	Steam and air conditioning supply
4971	Irrigation systems

WHOLESALE TRADE

SIC Code	Industry
	WHOLESALE TRADE, DURABLE GOODS
5012	Automobiles and other motor vehicles
5013	Motor vehicle supplies and new parts
5014	Tires and tubes
5015	Motor vehicle parts, used
5021	Furniture
5023	Home furnishings
5031	Lumber, plywood, and millwork

Note: nec = not elsewhere classified.

SIC CODES

(Continued)

SIC Code	Industry
5032	Brick, stone, and related materials
5033	Roofing, siding, and insulation
5039	Construction materials, nec
5043	Photographic equipment and supplies
5044	Office equipment
5045	Computers, peripherals, and software
5046	Commercial equipment, nec
5047	Medical, dental, and hospital equipment
5048	Ophthalmic goods
5049	Professional equipment, nec
5051	Metals service centers and offices
5052	Coal and other minerals and ores
5063	Electrical apparatus and equipment
5064	Electrical appliances, TV and radios
5065	Electronic parts and equipment, nec
5072	Hardware
5074	Plumbing and hydronic heating supplies
5075	Warm air heating and air conditioning equipment
5078	Refrigeration equipment and supplies
5082	Construction and mining machinery
5083	Farm and garden machinery
5084	Industrial machinery and equipment
5085	Industrial supplies
5087	Service establishment equipment
5088	Transportation equipment and supplies, except motor vehicles
5091	Sporting and recreational goods
5092	Toys and hobby goods and supplies
5093	Scrap and waste materials
5094	Jewelry, watches, precious stones, and precious metals
5099	Durable goods, nec
	WHOLESALE TRADE, NONDURABLE GOODS
5111	Printing and writing paper
5112	Stationery and office supplies
5113	Industrial and personal service paper
5122	Drugs, proprietaries, and sundries
5131	Piece goods and other dry goods
5136	Men's and boys' clothing and furnishings
5137	Women's, children's, and infants' clothing and accessories
5139	Footwear
5141	Groceries, general line
5142	Packaged frozen foods
5143	Dairy products, except dried or canned
5144	Poultry and poultry products
5145	Confectionery
5146	Fish and seafoods
5147	Meats and meat products
5148	Fresh fruits and vegetables
5149	Groceries and related products, nec
5153	Grain and field beans
5154	Livestock
5159	Farm-product raw materials, nec
5162	Plastics materials and basic shapes
5169	Chemicals and allied products, nec
5171	Petroleum bulk stations and terminals
5172	Petroleum products wholesalers, nec
5181	Beer and ale
5182	Wines and distilled alcoholic beverages
5191	Farm supplies
5192	Books, periodicals, and newspapers
5193	Flowers and florists' supplies
5194	Tobacco and tobacco products
5198	Paints, varnishes, and supplies
5199	Nondurable goods, nec
	RETAIL TRADE
	BUILDING MATERIALS AND GARDEN SUPPLIES
5211	Lumber and other building materials dealers
5231	Paint, glass, and wallpaper stores
5251	Hardware stores
5261	Retail nurseries and garden supply stores
5271	Mobile home dealers
	GENERAL MERCHANDISE STORES
5311	Department stores
5331	Variety stores
5399	Miscellaneous general merchandise stores
	FOOD STORES
5411	Grocery stores
5421	Meat and fish markets
5431	Fruit and vegetable markets
5441	Candy, nut, and confectionery stores
5451	Dairy products stores
5461	Retail bakers
5499	Miscellaneous food stores
	AUTOMOTIVE DEALERS AND SERVICE STATIONS
5511	New and used car dealers
5521	Used car dealers
5531	Auto and home supply stores
5541	Gasoline service stations
5551	Boat dealers
5561	Recreational vehicle dealers
5571	Motorcycle dealers
5599	Automotive dealers, nec
	APPAREL AND ACCESSORY STORES
5611	Men's and boys' clothing and accessory stores
5621	Women's clothing stores
5632	Women's accessory and specialty stores
5641	Children's and infants' wear stores
5651	Family clothing stores
5661	Shoe stores
5699	Miscellaneous apparel and accessory stores
	FURNITURE AND HOME FURNISHINGS STORES
5712	Furniture stores
5713	Floor covering stores
5714	Window treatment and upholstery stores
5719	Miscellaneous home furnishings stores
5722	Household appliance stores
5731	Radio, TV, and electronic stores
5734	Computer and software stores
5735	Record and prerecorded tape stores
5736	Musical instruments stores
	EATING AND DRINKING PLACES
5812	Eating places
5813	Drinking places
	MISCELLANEOUS RETAIL
5912	Drugstores and proprietary stores
5921	Liquor stores
5932	Used merchandise stores
5941	Sporting goods and bicycle shops
5942	Book stores
5943	Stationery stores
5944	Jewelry stores
5945	Hobby, toy, and game shops
5946	Camera and photographic supply stores
5947	Gift, novelty, and souvenir shops
5948	Luggage and leather goods stores
5949	Sewing, needlework, and piece goods stores
5961	Catalog and mail order houses
5962	Vending machine operators
5963	Direct selling establishments
5983	Fuel oil dealers
5984	Bottled gas dealers
5989	Fuel dealers, nec
5992	Florists
5993	Tobacco stores and stands
5994	News dealers and newsstands
5995	Optical goods stores
5999	Miscellaneous retail stores, nec

Note: nec = not elsewhere classified.

SIC Code Industry

FINANCE, INSURANCE & REAL ESTATE

DEPOSITORY INSTITUTIONS

6011 Federal Reserve banks
6019 Central reserve depository institutions, nec
6021 National commercial banks
6022 State commercial banks
6029 Commercial banks, nec
6035 Federal savings institutions
6036 Savings institutions, except federal
6061 Federal credit unions
6062 Credit unions, except federal
6081 Foreign bank branches and agencies
6082 Foreign trade and international banking institutions
6091 Nondeposit trust facilities
6099 Depository institutions, nec

NONDEPOSITORY INSTITUTIONS

6111 Federal and federally-sponsored credit agencies
6141 Personal credit institutions
6153 Short-term business credit institutions, except agricultural
6159 Miscellaneous business credit institutions
6162 Mortgage bankers and loan correspondents
6163 Loan brokers

SECURITY AND COMMODITY BROKERS

6211 Security brokers and dealers
6221 Commodity contracts brokers and dealers
6231 Security and commodity exchanges
6282 Investment advice
6289 Security and commodity exchange services, nec

INSURANCE CARRIERS

6311 Life insurance
6321 Accident and health insurance
6324 Hospital and medical service plans
6331 Fire, marine, and casualty insurance
6351 Surety insurance
6361 Title insurance
6371 Pension, health, and welfare funds
6399 Insurance carriers, nec

INSURANCE AGENTS, BROKERS, AND SERVICE

6411 Insurance agents, brokers, and service

REAL ESTATE

6512 Nonresidential building operators
6513 Apartment building operators
6514 Dwelling operators, except apartments
6515 Mobile home site operators
6517 Railroad property lessors
6519 Real property lessors, nec
6531 Real estate agents and managers
6541 Title abstract offices
6552 Subdividers and developers, except cemeteries
6553 Cemetery subdividers and developers

HOLDING AND OTHER INVESTMENT OFFICES

6712 Bank holding company offices
6719 Holding company offices, nec
6722 Open-end management investment offices
6726 Investment offices, nec
6732 Educational, religious, and charitable trusts
6733 Trusts, nec
6792 Oil royalty traders
6794 Patent owners and lessors
6798 Real estate investment trusts
6799 Investors, nec

SERVICES

HOTELS AND OTHER LODGING PLACES

7011 Hotels and motels
7021 Rooming and boarding houses
7032 Sporting and recreational camps
7033 RV parks and campsites
7041 Membership-basis organization hotels and lodging

PERSONAL SERVICES

7211 Power laundries, family and commercial
7212 Garment pressing and cleaners' agents
7213 Linen supply
7215 Coin-operated laundries and cleaning
7216 Dry cleaning plants, except rug
7217 Carpet and upholstery cleaning
7218 Industrial launderers
7219 Laundry and garment services, nec
7221 Photographic studios, portrait
7231 Beauty shops
7241 Barber shops
7251 Shoe repair and shoeshine shops
7261 Funeral service and crematories
7291 Tax return preparation services
7299 Miscellaneous personal services, nec

BUSINESS SERVICES

7311 Advertising agencies
7312 Outdoor advertising services
7313 Radio, TV, publisher advertising representatives
7319 Advertising, nec
7322 Adjustment and collection services
7323 Credit reporting services
7331 Direct mail advertising services
7334 Photocopying and duplicating services
7335 Commercial photography
7336 Commercial art and graphic design
7338 Secretarial and court reporting
7342 Disinfecting and pest control services
7349 Building maintenance services, nec
7352 Medical equipment rental
7353 Heavy construction equipment rental
7359 Equipment rental and leasing, nec
7361 Employment agencies
7363 Help supply services
7371 Computer programming services
7372 Prepackaged software
7373 Computer integrated systems design
7374 Data processing services
7375 Information retrieval services
7376 Computer facilities management
7377 Computer rental and leasing
7378 Computer maintenance and repair
7379 Computer related services, nec
7381 Detective, guard, and armored car services
7382 Security systems services
7383 News syndicates
7384 Photofinishing laboratories
7389 Business services, nec

AUTOMOTIVE REPAIR, SERVICES, AND PARKING

7513 Truck rental and leasing, no drivers
7514 Passenger car rental
7515 Passenger car leasing
7519 Utility trailer and RV rental
7521 Automobile parking
7532 Top, body, and upholstery repair and paint shops
7533 Auto exhaust system repair shops
7534 Tire retreading and repair shops
7536 Automotive glass replacement shops
7537 Automotive transmission repair shops
7538 General automotive repair shops
7539 Automotive repair shops, nec
7542 Car washes
7549 Automotive services, nec

Note: nec = not elsewhere classified.

SIC CODES

(Continued)

SIC Code	Industry
	MISCELLANEOUS REPAIR SERVICES
7622	Radio and television repair
7623	Refrigeration service and repair
7629	Electrical repair shops, nec
7631	Watch, clock, and jewelry repair
7641	Reupholstery and furniture repair
7692	Welding repair
7694	Armature rewinding shops
7699	Repair shops and related services, nec
	MOTION PICTURES
7812	Motion picture and video production
7819	Services allied to motion picture production
7822	Motion picture and video distribution
7829	Motion picture distribution services
7832	Motion picture theaters except drive-ins
7833	Drive-in motion picture theaters
7841	Video tape rental
	AMUSEMENT AND RECREATION SERVICES
7911	Dance studios, schools, and halls
7922	Theatrical producers and services
7929	Entertainers and entertainment groups
7933	Bowling centers
7941	Sports clubs, managers, and promoters
7948	Racing, including track operation
7991	Physical fitness facilities
7992	Public golf courses
7993	Coin-operated amusement devices
7996	Amusement parks
7997	Membership sports and recreation clubs
7999	Amusement and recreation, nec
	HEALTH SERVICES
8011	Offices and clinics of medical doctors
8021	Offices and clinics of dentists
8031	Offices and clinics of osteopathic physicians
8041	Offices and clinics of chiropractors
8042	Offices and clinics of optometrists
8043	Office and clinics of podiatrists
8049	Offices and clinics of health practitioners, nec
8051	Skilled nurse care facilities
8052	Intermediate care facilities
8059	Nursing and personal care facilities, nec
8062	General medical and surgical hospitals
8063	Psychiatric hospitals
8069	Specialty hospitals, except psychiatric
8071	Medical laboratories
8072	Dental laboratories
8082	Home health care services
8092	Kidney dialysis centers
8093	Specialty outpatient clinics, nec
8099	Health and allied services, nec
	LEGAL SERVICES
8111	Legal services
	EDUCATIONAL SERVICES
8211	Elementary and secondary schools
8221	Colleges and universities
8222	Junior colleges
8231	Libraries
8243	Data processing schools
8244	Business and secretarial schools
8249	Vocational schools, nec
8299	Schools and educational services, nec
	SOCIAL SERVICES
8322	Individual and family social services
8331	Job training and related services
8351	Child day care services
8361	Residential care
8399	Social services, nec
	MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS
8412	Museums and art galleries
8422	Botanical and zoological gardens
	MEMBERSHIP ORGANIZATIONS
8611	Business associations
8621	Professional organizations
8631	Labor organizations
8641	Civic and social associations
8651	Political organizations
8661	Religious organizations
8699	Membership organizations, nec
	ENGINEERING AND MANAGEMENT SERVICES
8711	Engineering services
8712	Architectural services
8713	Surveying services
8721	Accounting, auditing, and bookkeeping services
8731	Commercial physical and biological research
8732	Commercial economic, sociological, and educational research
8733	Noncommercial research organizations
8734	Testing laboratories
8741	Management services
8742	Management consulting services
8743	Public relations services
8744	Facilities support services
8748	Business consulting services, nec
	PRIVATE HOUSEHOLDS
8811	Private households
	SERVICES, NEC
8999	Services, nec

PUBLIC ADMINISTRATION

	EXECUTIVE, LEGISLATIVE, AND GENERAL
9111	Executive offices
9121	Legislative bodies
9131	Executive and legislative offices combined
9199	General government, nec
	JUSTICE, PUBLIC ORDER, AND SAFETY
9211	Courts
9221	Police protection
9222	Legal counsel and prosecution
9223	Correctional institutions
9224	Fire protection
9229	Public order and safety, nec
	FINANCE, TAXATION, AND MONETARY POLICY
9311	Public finance, taxation, and monetary policy
	ADMINISTRATION OF HUMAN RESOURCES
9411	Administration of educational programs
9431	Administration of public health programs
9441	Administration of social, human resource, and income maintenance programs
9451	Administration of veterans' affairs, except health insurance
	ENVIRONMENTAL QUALITY AND HOUSING
9511	Air and water resource and solid waste management
9512	Land, mineral, wildlife, and forest conservation
9531	Administration of housing programs
9532	Administration of urban and community development
	ADMINISTRATION OF ECONOMIC PROGRAMS
9611	Administration of general economic programs
9621	Regulation and administration of transportation programs
9631	Regulation and administration of utilities

Note: nec = not elsewhere classified.

SIC Code	Industry	SIC Code	Industry	SIC Code	Industry

9641 Regulation of agricultural marketing and commodity
9651 Regulation of miscellaneous commercial sectors
9661 Space research and technology

NATIONAL SECURITY AND INTERNATIONAL AFFAIRS

9711 National security
9721 International affairs

NONCLASSIFIABLE ESTABLISHMENTS

9999 Nonclassifiable establishment

Note: nec = not elsewhere classified.

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SOURCE CODES

Source codes describe the type of process or activity (i.e., source) from which a hazardous waste was generated.

Code	Waste source
CLEANING AND DEGREASING	
A01	Stripping
A02	Acid cleaning
A03	Caustic (alkali) cleaning
A04	Flush rinsing
A05	Dip rinsing
A06	Spray rinsing
A07	Vapor degreasing
A08	Physical scraping and removal
A09	Clean out process equipment
A19	Other cleaning and degreasing (Specify in Comments)
SURFACE PREPARATION AND FINISHING	
A21	Painting
A22	Electroplating
A23	Electroless plating
A24	Phosphating
A25	Heat treating
A26	Pickling
A27	Etching
A29	Other surface coating/preparation (Specify in Comments)
PROCESSES OTHER THAN SURFACE PREPARATION	
A31	Product rinsing
A32	Product filtering
A33	Product distillation
A34	Product solvent extraction
A35	By-product processing
A36	Spent catalyst removal
A37	Spent process liquids removal
A38	Tank sludge removal
A39	Slag removal
A40	Metal forming
A41	Plastics forming
A49	Other processes other than surface preparation (Specify in Comments)
PRODUCTION OR SERVICE DERIVED ONE-TIME AND INTERMITTENT PROCESSES	
A51	Leak collection
A53	Cleanup of spill residues
A54	Oil changes
A55	Filter/battery replacement
A56	Discontinue use of process equipment
A57	Discarding off-spec material
A58	Discarding out-of-date products or chemicals
A59	Other production-derived one-time and intermittent processes (Specify in Comments)
A60	Sludge removal
REMEDIATION DERIVED WASTE	
A61	Superfund Remedial Action
A62	Superfund Emergency Response
A63	RCRA Corrective Action at solid waste management unit
A64	RCRA closure of hazardous waste management unit
A65	Underground storage tank cleanup
A69	Other remediation (Specify in Comments)
POLLUTION CONTROL OR WASTE TREATMENT PROCESSES	
A71	Filtering/screening
A72	Metals recovery
A73	Solvents recovery
A74	Incineration/thermal treatment
A75	Wastewater treatment
A76	Sludge dewatering
A77	Stabilization
A78	Air pollution control devices
A79	Leachate collection
A89	Other pollution control or waste treatment (Specify in Comments)
OTHER PROCESSES	
A91	Clothing and personal protective equipment
A92	Routine cleanup wastes (e.g., floor sweepings)
A93	Closure of management unit(s) or equipment other than by remediation specified in codes A61–A69
A94	Laboratory wastes
A99	Other (Specify in Comments)

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FORM CODES

Form codes describe the general physical and chemical characteristics of a hazardous waste.

Code	Waste description
	LAB PACKS
	LAB PACKS – Lab packs of mixed wastes, chemicals, lab wastes
B001	Lab packs of old chemicals only
B002	Lab packs of debris only
B003	Mixed lab packs
B004	Lab packs containing acute hazardous wastes
B009	Other lab packs (Specify in Comments)
	LIQUIDS
	INORGANIC LIQUIDS – Waste that is primarily inorganic and highly fluid (e.g., aqueous), with low suspended inorganic solids and low organic content
B101	Aqueous waste with low solvents
B102	Aqueous waste with low other toxic organics
B103	Spent acid with metals
B104	Spent acid without metals
B105	Acidic aqueous waste
B106	Caustic solution with metals but no cyanides
B107	Caustic solution with metals and cyanides
B108	Caustic solution with cyanides but no metals
B109	Spent caustic
B110	Caustic aqueous waste
B111	Aqueous waste with reactive sulfides
B112	Aqueous waste with other reactives (e.g., explosives)
B113	Other aqueous waste with high dissolved solids
B114	Other aqueous waste with low dissolved solids
B115	Scrubber water
B116	Leachate
B117	Waste liquid mercury
B119	Other inorganic liquids (Specify in Comments)
	ORGANIC LIQUIDS – Waste that is primarily organic and is highly fluid, with low inorganic solids content and low-to-moderate water content
B201	Concentrated solvent-water solution
B202	Halogenated (e.g., chlorinated) solvent
B203	Nonhalogenated solvent
B204	Halogenated/nonhalogenated solvent mixture
B205	Oil-water emulsion or mixture
B206	Waste oil
B207	Concentrated aqueous solution of other organics
B208	Concentrated phenolics
B209	Organic paint, ink, lacquer, or varnish
B210	Adhesives or epoxies
B211	Paint thinner or petroleum distillates
B212	Reactive or polymerizable organic liquid
B219	Other organic liquids (Specify in Comments)
	SOLIDS
	INORGANIC SOLIDS – Waste that is primarily inorganic and solid, with low organic content and low-to-moderate water content; not pumpable
B301	Soil contaminated with organics
B302	Soil contaminated with inorganics only
B303	Ash, slag, or other residue from incineration of wastes
B304	Other “dry” ash, slag, or thermal residue
B305	“Dry” lime or metal hydroxide solids chemically “fixed”
B306	“Dry” lime or metal hydroxide solids not “fixed”
B307	Metal scale, filings, or scrap
B308	Empty or crushed metal drums or containers
B309	Batteries or battery parts, casings, cores
B310	Spent solid filters or adsorbents
B311	Asbestos solids and debris
B312	Metal-cyanide salts/chemicals
B313	Reactive cyanide salts/chemicals
B314	Reactive sulfide salts/chemicals
B315	Other reactive salts/chemicals
B316	Other metal salts/chemicals
B319	Other waste inorganic solids (Specify in Comments)
	ORGANIC SOLIDS – Waste that is primarily organic and solid, with low-to-moderate inorganic content and water content; not pumpable
B401	Halogenated pesticide solid
B402	Nonhalogenated pesticide solid
B403	Solid resins or polymerized organics
B404	Spent carbon
B405	Reactive organic solid
B406	Empty fiber or plastic containers
B407	Other halogenated organic solids (Specify in Comments)
B409	Other nonhalogenated organic solids (Specify in Comments)

FORM CODES

(Continued)

Code	Waste description

SLUDGES

INORGANIC SLUDGES – Waste that is primarily inorganic, with moderate-to-high water content and low organic content; pumpable

B501	Lime sludge without metals
B502	Lime sludge with metals/metal hydroxide sludge
B503	Wastewater treatment sludge with toxic organics
B504	Other wastewater treatment sludge
B505	Untreated plating sludge without cyanides
B506	Untreated plating sludge with cyanides
B507	Other sludge with cyanides
B508	Sludge with reactive sulfides
B509	Sludge with other reactives
B510	Degreasing sludge with metal scale or filings
B511	Air pollution control device sludge (e.g., fly ash, wet scrubber sludge)
B512	Sediment or lagoon dragout contaminated with organics
B513	Sediment or lagoon dragout contaminated with inorganics only
B514	Drilling mud
B515	Asbestos slurry or sludge
B516	Chloride or other brine sludge
B519	Other inorganic sludges (Specify in Comments)

ORGANIC SLUDGES – Waste that is primarily organic with low-to-moderate inorganic solids content and water content; pumpable

B601	Still bottoms of halogenated (e.g., chlorinated) solvents or other organic liquids
B602	Still bottoms of nonhalogenated solvents or other organic liquids
B603	Oily sludge
B604	Organic paint or ink sludge
B605	Reactive or polymerizable organics
B606	Resins, tars, or tarry sludge
B607	Biological treatment sludge
B608	Sewage or other untreated biological sludge
B609	Other organic sludges (Specify in Comments)

GASES

INORGANIC GASES – Waste that is primarily inorganic with a low organic content and is a gas at atmospheric pressure

B701	Inorganic gases

ORGANIC GASES – Waste that is primarily organic with low-to-moderate inorganic content and is a gas at atmospheric pressure

B801	Organic gases

SYSTEM TYPE CODES

System Type codes describe the type of hazardous waste management system used to treat or dispose a hazardous waste.

Code	System Type
METALS RECOVERY (FOR REUSE)	
M011	High temperature metals recovery
M012	Retorting
M013	Secondary smelting
M014	Other metals recovery for reuse: e.g., ion exchange, reverse osmosis, acid leaching (Specify in Comments)
M019	Metals recovery – type unknown (Explain in Comments)
SOLVENTS RECOVERY	
M021	Fractionation/distillation
M022	Thin film evaporation
M023	Solvent extraction
M024	Other solvent recovery (Specify in Comments)
M029	Solvents recovery – type unknown (Explain in Comments)
OTHER RECOVERY	
M031	Acid regeneration
M032	Other recovery: e.g., waste oil recovery, nonsolvent organics recovery (Specify in Comments)
M039	Other recovery – type unknown (Explain in Comments)
INCINERATION	
M041	Incineration – liquids
M042	Incineration – sludges
M043	Incineration – solids
M044	Incineration – gases
M049	Incineration – type unknown (Explain in Comments)
ENERGY RECOVERY (REUSE AS FUEL)	
M051	Energy recovery – liquids
M052	Energy recovery – sludges
M053	Energy recovery – solids
M059	Energy recovery – type unknown (Explain in Comments)
FUEL BLENDING	
M061	Fuel blending
AQUEOUS INORGANIC TREATMENT	
M071	Chrome reduction followed by chemical precipitation
M072	Cyanide destruction followed by chemical precipitation
M073	Cyanide destruction only
M074	Chemical oxidation followed by chemical precipitation
M075	Chemical oxidation only
M076	Wet air oxidation
M077	Chemical precipitation
M078	Other aqueous inorganic treatment: e.g., ion exchange, reverse osmosis (Specify in Comments)
M079	Aqueous inorganic treatment – type unknown (Explain in Comments)
AQUEOUS ORGANIC TREATMENT	
M081	Biological treatment
M082	Carbon adsorption
M083	Air/steam stripping
M084	Wet air oxidation
M085	Other aqueous organic treatment (Specify in Comments)
M089	Aqueous organic treatment – type unknown (Explain in Comments)
AQUEOUS ORGANIC AND INORGANIC TREATMENT	
M091	Chemical precipitation in combination with biological treatment
M092	Chemical precipitation in combination with carbon adsorption
M093	Wet air oxidation
M094	Other organic/inorganic treatment (Specify in Comments)
M099	Aqueous organic and inorganic treatment – type unknown (Explain in Comments)
SLUDGE TREATMENT	
M101	Sludge dewatering
M102	Addition of excess lime
M103	Absorption/adsorption
M104	Solvent extraction
M109	Sludge treatment – type unknown (Explain in Comments)

SYSTEM TYPE CODES

(Continued)

Code	System Type
STABILIZATION	
M111	Stabilization/chemical fixation using cementitious and/or pozzolanic materials
M112	Other stabilization (Specify in Comments)
M119	Stabilization – type unknown (Explain in Comments)
OTHER TREATMENT	
M121	Neutralization only
M122	Evaporation only
M123	Settling/clarification only
M124	Phase separation (e.g., emulsion breaking, filtration) only
M125	Other treatment (Specify in Comments)
M129	Other treatment – type unknown (Explain in Comments)
DISPOSAL	
M131	Land treatment/application/farming
M132	Landfill
M133	Surface impoundment (to be closed as a landfill)
M134	Deepwell/underground injection
M135	Direct discharge to sewer/POTW
M136	Direct discharge to surface water under NPDES
M137	Other disposal (Specify in Comments)
TRANSFER FACILITY STORAGE	
M141	Transfer facility storage – waste was shipped off site without any on-site treatment, disposal, or recycling activity

STATE/REGIONAL OFFICE CONTACT INFORMATION

Please return your 1997 Hazardous Waste Report to the appropriate State or Regional office listed below. Call the contact, if identified below, for additional information (e.g., if you need a street address instead of a P.O. Box).

STATE	ADDRESS	CONTACT
Alabama	Alabama Land Division – Report Section Alabama Department of Environmental Management P.O. Box 301463 Montgomery, AL 36130-1463	Hugh Cox (334) 271-7910
Alaska	EPA Region 10 Office of Waste and Chemical Management 1200 Sixth Avenue, WCM-122 Seattle, WA 98101	(800) 550-7272
Arizona[M]	See Arizona's State-specific forms	Kathy Feliberty (602) 207-4214
Arkansas[M]	Annual Reports ADPC&E Hazardous Waste Division 8001 National Drive Little Rock, AR 72219-8913	Data Manager (501) 682-0833
California	Biennial Report Staff CA Department of Toxic Substances Control P.O. Box 806 Sacramento, CA 95812-0806	Biennial Report Staff (916) 322-2880 (916) 322-5585
Colorado	Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Mailcode HMWMD-CP-B2 Denver, CO 80222-1530	Mira Neumiller (303) 692-3350
Connecticut	Connecticut Department of Environmental Protection Waste Bureau 79 Elm Street Hartford, CT 06106	Inga Rubecka (860) 424-3566
Delaware	Delaware Department of Natural Resources and Environmental Control Hazardous Waste Management Branch P.O. Box 1401 Dover, DE 19903	Jane Frank (302) 739-3689
District of Columbia	DCRA/ERA Hazardous Waste Management Branch 2100 Martin Luther King, Jr. Ave., S.E. Suite 203 Washington, DC 20020	Mark Hughes (202) 645-6080 ext. 3023
Florida	Jack Griffith Florida DEP BRS Coordinator-MS-4555 2600 Blair Stone Road Tallahassee, FL 32399-2400	Jack Griffith (904) 921-9219

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
Georgia	Georgia Department of Natural Resources Hazardous Waste Management Branch 205 Butler Street, S.E. Floyd Towers East, Suite 1154 Atlanta, GA 30334	(404) 656-7802
Guam	Guam Environmental Protection Agency P.O. Box 22439 GMF Barrigada, GU 96921	Francis P. Damian (671) 475-1605
Hawaii	Hawaii Department of Health Solid & Hazardous Waste Branch 919 Ala Moana Boulevard, #212 Honolulu, HI 96814	(808) 586-7509
Idaho	Idaho Division of Environmental Quality 1410 North Hilton Boise, ID 83706	John Brueck (208) 373-0458
Illinois[M]	Bureau of Land Planning and Reporting Section P.O. Box 19276 Springfield, IL 62794-1976	(217) 782-6762
Indiana	Jenny Ranck Dooley Solid and Hazardous Waste Indiana Department of Environmental Management 100 North Senate Ave. P.O. Box 7035 Indianapolis, IN 46207-7035	Jenny Ranck Dooley (317) 232-8925
Iowa	U.S. EPA Region 7 ARTD/IRSP 726 Minnesota Avenue Kansas City, KS 66101	Beth Koesterer (913) 551-7673
Kansas[M]	Kansas Department of Health and Environment Building 740, Forbes Field Topeka, KS 66620	Candy Williamson (913) 296-6898
Kentucky[S]	See Kentucky's State-specific forms	
Louisiana[M]	See Louisiana's State-specific forms	
Maine	Maine Department of Environmental Protection BRWM State House Station 17 Augusta, ME 04333-0017	Cherrie Plummer (207) 287-2651
Maryland	Maryland Department of the Environment Hazardous Waste Program 2500 Broening Highway Baltimore, MD 21224	Emily Troyer (410) 631-3344

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
Massachusetts	Massachusetts Department of Environmental Protection Bureau of Waste Prevention One Winter Street Boston, MA 02108	Beth McDonough (617) 574-6895
Michigan	U.S. EPA Region 5 P.O. Box A 3587 Chicago, IL 60690 ATTN: Mary Villarreal	Mary Villarreal (312) 886-7439
Minnesota	Minnesota Pollution Control Agency HW/PD 520 Lafayette Road, North St. Paul, MN 55155	Julie Anne O'Neill (612) 297-8332
Mississippi	Mississippi Dept. of Environmental Quality Hazardous Waste Division P.O. Box 10385 Jackson, MS 39289-0385	Terrell Chester (601) 961-5038
Missouri	Missouri Department of Natural Resources Hazardous Waste Program P.O. Box 176 Jefferson City, MO 65102	John Beard (573) 751-3176
Montana	Montana Department of Environmental Quality Permitting and Compliance P.O. Box 200901 Helena, MT 59620-0901	Debbie Walker (406) 444-2891
Navajo Nation	Navajo Nation Navajo EPA P.O. Box 339 Window Rock, AZ 86515 ATTN: Debbie McBride	Debbie McBride (520) 871-7995
Nebraska	Nebraska Department of Environmental Quality 1200 N Street, Suite 400, The Atrium Bldg. Lincoln, NE 68509-8922	Teri Swarts (402) 471-4217
Nevada	Nevada Div. of Environmental Protection 333 West Nye Lane, Capitol Complex Carson City, NV 89710	Hazardous Waste Information Line (800) 882-3233 (within NV only)
New Hampshire	New Hampshire Department of Environmental Services Waste Management Division – Reporting Section 6 Hazen Drive Concord, NH 03301	Karen A. Way (603) 271-6350
New Jersey	New Jersey Dept. of Environmental Protection Bureau of Revenue c/o Solid and Hazardous Waste P.O. Box 417 Trenton, NJ 08625	Hazardous Waste Report Unit (609) 292-7081

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
New Mexico	New Mexico Environment Department Hazardous and Radioactive Materials Bureau P.O. Box 26110 Santa Fe, NM 87502	Anna Walker (505) 827-1558
New York[M]	NYSDEC Division of Solid and Hazardous Materials 50 Wolf Road Room 888 Albany, NY 12233-7250	Technical Assistance Helpline (800) 452-1952 (NYS Only) (518) 457-0532 (Outside NYS)
North Carolina	North Carolina DEHNR Hazardous Waste Section P.O. Box 29603 Raleigh, NC 27611-9603	(919) 733-2178 ext. 240 or 247
North Dakota	North Dakota Department of Health P.O. Box 5520 Bismarck, ND 58506-5520	Christine Roob (701) 328-5166
Ohio[M]	Ohio EPA Division of Hazardous Waste Management Data Management Section P.O. Box 1049 Columbus, OH 43216-1049	Paula Canter/Mike Rath (614) 644-2977
Oklahoma	Oklahoma Dept. of Environmental Quality Waste Management Division 1000 Northeast 10th Street Oklahoma City, OK 73117-1212	Gail Hammil (405) 271-5338
Oregon[S]	See Oregon's State-specific forms	DEQ Hazardous Waste Helpline (503) 229-6938
Pennsylvania[M]	PA DEP-LRWM Division of Reporting and Fee Collection P.O. Box 8550 Harrisburg, PA 17105-8550	Robert Finkel (717) 783-9258
Puerto Rico	Environmental Quality Board Land Pollution Control Area P.O. Box 11488 Santurce, PR 00910	Israel Torres Rivera (787) 767-8181 ext. 2024
Rhode Island	Rhode Island DEM Division of Waste Management 235 Promenade Street Providence, RI 02908	(401) 277-2797
South Carolina[S]	South Carolina DHEC Solid and Hazardous Waste Management 2600 Bull Street Columbia, SC 29201	Lisa Yeager (803) 896-4138
South Dakota	South Dakota DENR Waste Management Program 523 East Capitol Avenue – Joe Foss Bldg. Pierre, SD 57501	Carrie Jacobson (605) 773-3153

STATE/REGIONAL OFFICE CONTACT INFORMATION

(Continued)

STATE	ADDRESS	CONTACT
Tennessee[S]	See Tennessee's State-specific forms	
Texas[S]	See Texas' State-specific forms	
Trust Territories	U.S. EPA Region 9 Hawthorne Street, WST-6 San Francisco, CA 94110 ATTN: Biennial Report Coordinator	Olof Hansen (415) 744-2044
Utah	Utah DEQ/DSHW P.O. Box 144880 Salt Lake City, UT 84114-4880	Jim Smith (801) 538-6170
Vermont	Vermont Agency of Natural Resources Waste Management Division Technical Services Section 103 South Main Street/West Building Waterbury, VT 05671-0404	Maria Stadelmayer (802) 241-3881
Virgin Islands	U.S. EPA Region 2 290 Broadway New York, NY 10007-1866 ATTN: Ms. Elizabeth Van Rabenswaay	Elizabeth Van Rabenswaay (212) 637-4119
Virginia	Virginia Department of Environmental Quality OTA/Waste 629 E. Main Street Richmond, VA 23219	Claire Ballard (804) 698-4177
Washington[S]	Washington Department of Ecology Hazardous Waste Information P.O. Box 47658 Olympia, WA 98504-7658	Joanne Phillipson (360) 407-6735
West Virginia	West Virginia DEP Office of Waste Management 1356 Hansford Street Charleston, WV 25301	Mike Dorsey (304) 558-5989
Wisconsin[M]	See Wisconsin's State-specific forms	
Wyoming	WDEQ-SHWD Heschler Building 4th Floor 122 West 25th Street Cheyenne, WY 82002	Tim Link (307) 777-7752

[M] = State uses a modified version of the Federal 1997 Biennial Report instructions and forms.
[S] = State uses its own report instructions and forms to fulfill the reporting requirements.

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